

2013 Sony TV Comparison Chart

Every Sony TV is designed to give you a viewing experience that is incomparable to every other TV in its class. Compare features of the models below, along with the descriptions on the back, to help you decide which is right for your needs.

*Screen size measured diagonally; 70" class (69.5" diag.), 65" Class (64.5" diag.), 55" Class (54.6" diag.), 50" Class (49.5" diag.), 32" Class (31.5" diag.)

	Model & Size	X900A 65"/55"	W900A 55"	W802A 55"/47"	W650A 32"	R550A 70"/60/50"	R520A 70"/60"	R450A 46/40"	R400A 32"
Picture Quality	Display Resolution	4K Ultra HD ¹	Full HD 1080p	Full HD 1080p	Full HD 1080p	Full HD 1080p	Full HD 1080p	Full HD 1080p	HD 720p
	Picture Engine	4K X-Reality™ PRO	X-Reality™ PRO	X-Reality™ PRO	X-Reality™ PRO	Clear Resolution Enhancer	Clear Resolution Enhancer	Clear Resolution Enhancer	Clear Resolution Enhancer
	TRILUMINOS Display	✓	✓						
	LED Backlight	Dynamic Edge LED	Dynamic Edge LED	Dynamic Edge LED	Edge LED	Edge LED	Edge LED	Direct LED	Direct LED
	Motion Clarity	Motionflow™ XR 960	Motionflow™ XR 960	Motionflow™ XR 480	Motionflow™ XR 240	Motionflow™ XR 240	Motionflow™ XR 240	Motionflow™ XR 120	Motionflow™ XR 120
	3D ⁴	Passive 3D	Active 3D	Passive 3D		Passive 3D			
Usability	One-Touch Mirroring (NFC) ³	✓	✓	Optional					
	TV SideView™ Compatible	✓	✓	✓	✓				
	Skype® ² Video Calling	✓	✓	✓	✓				
	Wi-Fi® ² Built-in (Netflix®, Pandora®, YouTube®, HuluPlus™ & more)	✓	✓	✓	✓	✓	✓		
	Screen Mirroring (Miracast™) ⁸	✓	✓	✓	✓	✓	✓		
	Screen Mirroring (MHL) ⁷	✓	✓	✓	✓	✓	✓	✓	✓
Sound	Sound Enhancements	Magnetic Fluid (65W ⁵ Power)	Long Duct Speaker Cabinet	Bass Reflex Speaker Cabinet	Bass Reflex Speaker Cabinet				
Design	Quartz-Cut Design	✓	✓	✓					

How Sony makes everything you watch look better.

Our groundbreaking TVs allow you to do more than ever, and the best way to enjoy it all is with amazing picture quality. Sony combines innovative technologies to create our best picture ever for sports, movies, cable TV and Internet video.



Best Picture Quality Defined

- ✓ Clear motion and panning
- ✓ True black level control that reveals detail in the shadows
- ✓ Bright whites that don't blow out or flare around the edges
- ✓ Vibrant lifelike colors
- ✓ Realistic skin tones
- ✓ Crisp, distraction-free clarity
- ✓ Optimized for home viewing. Many TVs are shown with maximum brightness in stores. Sony HDTVs come optimized for in-home viewing.

Picture Quality	4K Ultra HD ¹	Welcome to four times the clarity of regular HD. See more on TV than ever before with over 8 million pixels compared to about 2 million on HDTV. ¹
	4K X-Reality™ PRO Picture Engine	All of the TV programs and movies you already watch are enhanced by the 4K X-Reality™ PRO Picture Engine for 4K Ultra HD viewing. ⁶
	X-Reality™ PRO Picture Engine	This picture engine takes everything you watch—HD movies, sports, even YouTube™ clips and home movies—and optimizes it with unprecedented detail and astonishing color.
	TRILUMINOUS Display	Unique to Sony, the TRILUMINOS Display has a wider range of color than conventional LCD displays, allowing you to see colors never before seen on TVs. Hard-to-reproduce reds, emerald greens and aqua blues are displayed beautifully, so landscapes and seascapes look more vivid, richer and intense. Faces look better, too, with natural skin tones.
	Clear Resolution Enhancer	Fine details and textures appear in whatever you're watching.
	Dynamic Edge LED	Dynamic Edge LED backlighting with local dimming delivers pitch-black night scenes and illuminates bright scenes to perfect a natural look. Rather than illuminating the entire screen, contrast is boosted in just the right areas for a more realistic picture.
	Edge LED	Powerful yet thin LEDs deliver a radically brighter picture than conventional LCD backlighting.
	Motionflow™ XR	Sports can be seen as clear as they would appear from the sidelines. Motionflow™ XR takes motion clarity beyond refresh rates (measured in Hz) to double or quadruple the motion effect. The result is a clear picture during slow panning motions or the fastest action.
Usability	TV SideView™ Compatible	Control the TV or browse the channel guide with your smartphone or tablet (Android or iOS), all without interfering with what you're watching on the TV. Learn more about the show you're watching right now and search what's available to watch on TV, the internet and apps like Netflix®.
	Wi-Fi® ² Built-in (Netflix® Pandora® YouTube® HuluPlus™ & more)	Go way beyond cable with access to Full HD 1080p entertainment, 3D content ⁴ and made-for-TV apps like Netflix®, Pandora®, YouTube®, Facebook® and more. ²
	Screen Mirroring (MHL, ⁷ Miracast, ⁸ NFC ³)	Sony is helping you add value to the entertainment you already own. Using a Mobile High Definition Link (MHL), ³ Miracast™ ⁸ or Near Field Communication, ³ you'll instantly be able to view exactly what's on your smartphone's screen on the TV. Movies, music and apps are automatically scaled to fit the larger TV screen.
Sound	Magnetic Fluid Speaker	Your TV's loudspeakers have evolved. Unique to Sony, Magnetic Fluid Speaker technology allows a thinner, more efficient loudspeaker that produces a faithful reproduction of high-fidelity sound with 65 watts of total power. ⁵
	Speaker Cabinets	As TVs get smaller, the challenge of producing robust sound increases. Sony Bass Reflex and Long Duct speaker cabinets are capable of delivering extended low bass frequencies and clear, sparkling high frequencies for full-range sound. The longer the speaker cabinet, the fuller and richer the sound can be.
Design	Quartz-Cut Design	Inspired by the sharp edges and color found in quartz crystals, the Quartz-cut design brings a new edge to TV with a hint of translucent color that emphasizes the hidden gem within. Brilliant color, sharp detail and an overall sense of beauty can be found in the thin border that traces the edge of the TV screen.