

Converting Colors

$Yxy(26.8543, 0.5504, 0.3297)$

Have a look what the booklet for
Yxy(26.8543, 0.5504, 0.3297)
contains.

Yxy(26.9144, 0.5496, 0.3297)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.9144, 0.5496, 0.3297)

Conversions

Conversions Part 1

Format	Color
Hex	FE4D4D
RGB	254, 77, 77
RGB Percent	100%, 30%, 30%
CMY	0.0039, 0.6980, 0.6980
CMYK	0.00, 0.70, 0.70, 0.00
HSL	0°, 99%, 65%
HSV	0°, 70%, 100%
XYZ	44.8655, 26.9144, 9.8531
YIQ	129.9230, 105.4920, 37.5240

Conversions

Conversions Part 2

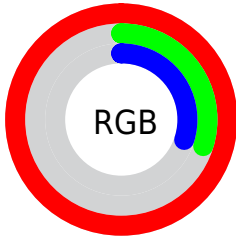
Format	Color
RYB	254, 77, 77
Decimal	16665933
CIELab	58.90, 66.49, 39.34
CIElCh	59, 77.252, 30.612
Yxy	26.9144, 0.5496, 0.3297
Android (android.graphics.Color)	4294856013 (0xFFFE4D4D)
YUV	129.9230, -26.0910, 108.8155
Hunter-Lab	51.8791, 63.5800, 25.0547

Details

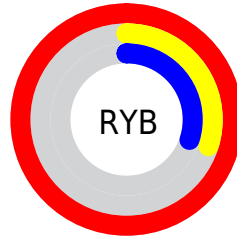
The Yxy color **26.9144, 0.5496, 0.3297** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **79.6088, 0.2329, 0.3288**, and the grayscale version is **22.3636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3747, 0.4526, 0.3396**, and **10.9231, 0.6154, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **23.7364, 0.5933, 0.3298**, and if you desaturate by 10%, it is **31.6219, 0.5011, 0.3296**.

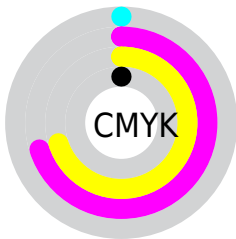
Distribution



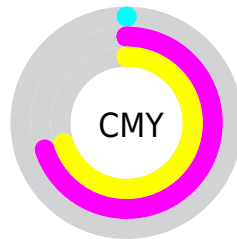
- Red (100%)
- Green (30%)
- Blue (30%)



- Red (100%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (0%)




- Cyan (0%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9144, 0.5496, 0.3297 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 26.9144, 0.5496, 0.3297 by changing the saturation by 10% instead.


 26.9144, 0.5496,
0.3297


 26.9144, 0.5496,
0.3297


287.2424, 0.4228,
0.3402


 17.5089, 0.5815,
0.3227


 54.7465, 0.5027,
0.3366


 10.5980, 0.6214,
0.3110

 73.9419, 0.4852,
0.3383

 5.7972, 0.6718,
0.2914

 97.1694, 0.4706,
0.3393

 2.7222, 0.7403,
0.2597

 124.8134, 0.4581,
0.3399

 0.9885, 0.8015,
0.1985

 157.2583, 0.4474,
0.3402

 0.0000, 1.0000,
0.0000

194.8886, 0.4381,

 0.0000, 0.0000,

0.3403

0.0000

238.0884, 0.4300,
0.3403

■ 26.9144, 0.5496,
0.3297

■ 26.9144, 0.5496,
0.3297

■ 23.7364, 0.5933,
0.3298

■ 31.6219, 0.5011,
0.3296

■ 21.8940, 0.6244,
0.3299

■ 38.0132, 0.4545,
0.3294


■ 21.0895, 0.6397,
0.3300

■ 46.2287, 0.4136,
0.3293

■ 21.0701, 0.6401,
0.3300

■ 56.3930, 0.3795,
0.3292

■ 68.6198, 0.3519,
0.3291

 83.0140, 0.3298,
0.3291

99.6734, 0.3122,
0.3290

99.8098, 0.3121,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.9144, 0.4666, 0.2579



26.9144, 0.5496, 0.3297



26.9144, 0.5423, 0.4089

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.9144, 0.5496, 0.3297



26.9144, 0.2540, 0.5390



26.9144, 0.1496, 0.1562

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.9144, 0.5496, 0.3297



79.6088, 0.2329, 0.3288

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.9144, 0.1191, 0.1823



26.9144, 0.5496, 0.3297



26.9144, 0.1655, 0.3955

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.9144, 0.5496, 0.3297



26.9144, 0.3641, 0.5656



26.9144, 0.1222, 0.2568



26.9144, 0.2190, 0.1632

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



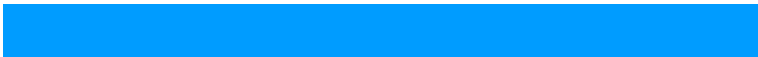
26.9144, 0.5496, 0.3297



26.9144, 0.4980, 0.4671



26.9144, 0.1222, 0.2568



26.9144, 0.1356, 0.1607

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.9160, 0.5496, 0.3297



67.4828, 0.3552, 0.3291



33.5343, 0.3200, 0.1747



13.6859, 0.3624, 0.3292



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.9160, 0.5496, 0.3297



22.9914, 0.6087, 0.3299



48.6976, 0.4728, 0.4129



17.9872, 0.3295, 0.3291



11.1090, 0.6401, 0.3300



1.0817, 0.6401, 0.3300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.6088, 0.2329, 0.3288



79.2012, 0.2271, 0.3287



35.8253, 0.2039, 0.2118



20.4814, 0.2980, 0.3290



41.1396, 0.2247, 0.3287



4.0057, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 26.9144, 0.5496, 0.3297 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 26.9144, 0.5496, 0.3297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.9144, 0.5496, 0.3297

Background



This preview shows how black text looks on a background with the Yxy color 26.9144, 0.5496, 0.3297.



This preview shows how white text looks on a background with the Yxy color 26.9144, 0.5496, 0.3297.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.9144, 0.5496, 0.3297

Protanopia

27.0384, 0.3687, 0.3970

Deuteranopia

26.8472, 0.4325, 0.4244



Tritanopia

26.9578, 0.5461, 0.3273

Trichromacy



Original Color

26.9144, 0.5496, 0.3297

Protanomaly

24.6767, 0.4382, 0.3648

Deuteranomaly

25.3269, 0.4817, 0.3806

Tritanomaly

26.9431, 0.5473, 0.3281

Monochromacy



Original Color

26.9144, 0.5496, 0.3297

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.6305, 0.3993, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9144, 0.5496, 0.3297 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 77, 77)` looks like.

```
.text, #text, p{  
    color:rgb(254, 77, 77)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 77, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 77, 77) }
```

Border

The CSS property to change the border of an element to Yxy 26.9144, 0.5496, 0.3297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 77, 77) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(254, 77, 77) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(254, 77, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 77, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 77, 77);  
box-shadow:4px 4px 4px 4px rgb(254, 77,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9144, 0.5496, 0.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 77, 77) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254, 77,  
77) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor