

Converting Colors

$Y_{xy}(25.9610, 0.5496, 0.3215)$

Have a look what the booklet for
Yxy(25.9610, 0.5496, 0.3215)
contains.

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Color

Yxy(26.0452, 0.5496, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	FE4651
RGB	254, 70, 81
RGB Percent	100%, 27%, 32%
CMY	0.0039, 0.7255, 0.6823
CMYK	0.00, 0.72, 0.68, 0.00
HSL	356°, 99%, 64%
HSV	356°, 72%, 100%
XYZ	44.5516, 26.0452, 10.4651
YIQ	126.2700, 106.1330, 42.4290

Conversions

Conversions Part 2

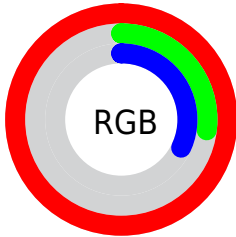
Format	Color
R_{YB}	254, 70, 81
Decimal	16664145
CIE _{Lab}	58.08, 69.09, 36.11
CIE _{LCh}	58, 77.957, 27.595
Yxy	26.0452, 0.5496, 0.3213
Android (android.graphics.Color)	4294854225 (0xFFFE4651)
YUV	126.2700, -22.3181, 112.0192
Hunter-Lab	51.0345, 66.5150, 23.5662

Details

The Yxy color **26.0452, 0.5496, 0.3213** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **78.6631, 0.2355, 0.3421**, and the grayscale version is **21.0111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8370, 0.4517, 0.3294**, and **10.9462, 0.6103, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **23.2154, 0.5918, 0.3230**, and if you desaturate by 10%, it is **30.3465, 0.5027, 0.3209**.

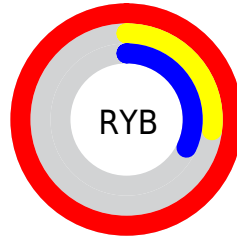
Distribution



Red (100%)

Green (27%)

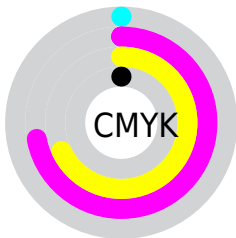
Blue (32%)



Red (100%)

Yellow (27%)

Blue (32%)

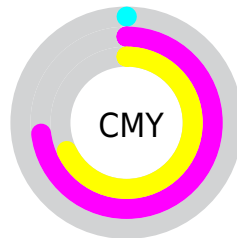


Cyan (0%)

Magenta (72%)

Yellow (68%)

Black (0%)



Cyan (0%)


Magenta (73%)

Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0452, 0.5496, 0.3213 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 26.0452, 0.5496, 0.3213 by changing the saturation by 10% instead.


 26.0452, 0.5496,
0.3213


 26.0452, 0.5496,
0.3213


283.0039, 0.4219,
0.3356


 16.8575, 0.5823,
0.3136


 53.3479, 0.5020,
0.3295

 10.1329, 0.6235,
0.3011


 72.2316, 0.4844,
0.3316


 5.4872, 0.6757,
0.2804

 95.1160, 0.4696,
0.3331

 2.5358, 0.7513,
0.2487

 122.3857, 0.4571,
0.3340

 0.8945, 0.8145,
0.1855

 154.4249, 0.4464,
0.3347

 0.0000, 1.0000,
0.0000


191.6181, 0.4371,


 0.0000, 0.0000,


0.3351


0.0000

234.3496, 0.4290,
0.3354

 26.0452, 0.5496,
0.3213


 26.0452, 0.5496,
0.3213


 23.2154, 0.5918,
0.3230


 30.3465, 0.5027,
0.3209


 21.6563, 0.6224,
0.3256

 36.2772, 0.4574,
0.3214

 21.1079, 0.6356,
0.3275

 43.9802, 0.4173,
0.3225

 53.5813, 0.3836,
0.3240

 65.1950, 0.3562,
0.3256

 78.9267, 0.3341,
0.3272

 94.8745, 0.3165,
0.3287

99.8128, 0.3121,
0.3290

Harmonies

Analogous

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



26.0452, 0.4569, 0.2497



26.0452, 0.5496, 0.3213



26.0452, 0.5501, 0.4002

Triad

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



26.0452, 0.5496, 0.3213



26.0452, 0.2631, 0.5533



26.0452, 0.1426, 0.1547

Complementary

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



26.0452, 0.5496, 0.3213



78.6631, 0.2355, 0.3421

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.



26.0452, 0.1153, 0.1848



26.0452, 0.5496, 0.3213



26.0452, 0.1699, 0.4136

Square

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



26.0452, 0.5496, 0.3213



26.0452, 0.3750, 0.5655



26.0452, 0.1218, 0.2663



26.0452, 0.2082, 0.1589

Rectangle

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



26.0452, 0.5496, 0.3213



26.0452, 0.5083, 0.4588



26.0452, 0.1218, 0.2663



26.0452, 0.1297, 0.1604

Sweetspot

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



26.0467, 0.5496, 0.3213



66.3373, 0.3551, 0.3257



30.3679, 0.3083, 0.1654



13.4690, 0.3619, 0.3252



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.



26.0467, 0.5496, 0.3213



22.5567, 0.6076, 0.3241



43.2432, 0.4918, 0.4025



18.0047, 0.3285, 0.3276



11.1340, 0.6340, 0.3266



1.0900, 0.6201, 0.3190

Inverse Universe

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



26.0467, 0.5496, 0.3213



22.5567, 0.6076, 0.3241



38.8351, 0.2048, 0.2234



18.0047, 0.3285, 0.3276



11.1340, 0.6340, 0.3266



1.0900, 0.6201, 0.3190

Previews

White Background



This preview shows how the Yxy color 26.0452, 0.5496, 0.3213 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 26.0452, 0.5496, 0.3213 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 26.0452, 0.5496, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 26.0452, 0.5496, 0.3213.



This preview shows how white text looks on a background with the Yxy color 26.0452, 0.5496, 0.3213.

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

26.0452, 0.5496, 0.3213

Protanopia

26.2073, 0.3576, 0.3836

Deuteranopia

26.0006, 0.4272, 0.4186



Tritanopia

26.0717, 0.5573, 0.3275

Trichromacy



Original Color

26.0452, 0.5496, 0.3213

Protanomaly

23.7081, 0.4293, 0.3531

Deuteranomaly

24.2164, 0.4793, 0.3720

Tritanomaly

26.1131, 0.5538, 0.3252

Monochromacy



Original Color

26.0452, 0.5496, 0.3213

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.3181, 0.4009, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0452, 0.5496, 0.3213 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, 70, 81)` looks like.

```
.text, #text, p{  
  color:rgb(254, 70, 81)  
}
```

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, 70, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 70, 81) }
```

Border

The CSS property to change the border of an element to Yxy 26.0452, 0.5496, 0.3213 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, 70, 81) }
```

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

```
.border{ border-color:rgb(254, 70, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 70, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 70, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 70, 81);  
box-shadow:4px 4px 4px 4px rgb(254, 70,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0452, 0.5496, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 70, 81) }
```

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

```
.background{ background-color: rgb(254, 70,  
81) }
```

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](#).

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