

Converting Colors

$Y_{xy}(29.5157, 0.5052, 0.3141)$

Have a look what the booklet for
Yxy(29.5157, 0.5052, 0.3141)
contains.

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Color

Yxy(29.4663, 0.5048, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	FF596B
RGB	255, 89, 107
RGB Percent	100%, 35%, 42%
CMY	0.0001, 0.6509, 0.5804
CMYK	0.00, 0.65, 0.58, 0.00
HSL	354°, 100%, 67%
HSV	354°, 65%, 100%
XYZ	47.4620, 29.4663, 17.0931
YIQ	140.6860, 93.1580, 40.7900

Conversions

Conversions Part 2

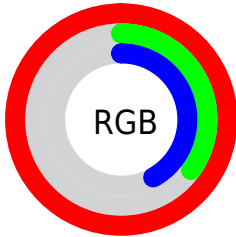
Format	Color
R_{YB}	255, 89, 107
Decimal	16734571
CIE Lab	61.19, 63.96, 25.20
CIE LCh	61, 68.744, 21.502
Yxy	29.4663, 0.5048, 0.3134
Android (android.graphics.Color)	4294924651 (0xFFFF596B)
YUV	140.6860, -16.6072, 100.2534
Hunter-Lab	54.2829, 61.0757, 19.3282

Details

The Yxy color **29.4663, 0.5048, 0.3134** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **79.7518, 0.2424, 0.3505**, and the grayscale version is **26.5494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.5961, 0.4122, 0.3178**, and **11.9985, 0.5672, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **25.5152, 0.5500, 0.3143**, and if you desaturate by 10%, it is **35.0154, 0.4606, 0.3143**.

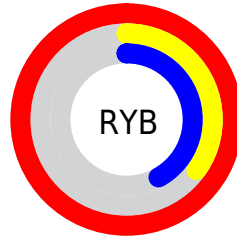
Distribution



Red (100%)

Green (35%)

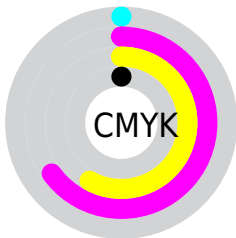
Blue (42%)



Red (100%)

Yellow (35%)

Blue (42%)

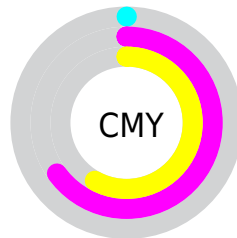


Cyan (0%)

Magenta (65%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (65%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.4663, 0.5048, 0.3134 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 29.4663, 0.5048, 0.3134 by changing the saturation by 10% instead.


 29.4663, 0.5048,
0.3134


 29.4663, 0.5048,
0.3134


299.4088, 0.4016,
0.3274


 19.4339, 0.5320,
0.3076


 58.8171, 0.4660,
0.3202

 11.9842, 0.5671,
0.2987


 78.9043, 0.4518,
0.3222

 6.7329, 0.6138,
0.2844


 103.1118, 0.4400,
0.3237

 3.2956, 0.6772,
0.2602

 131.8241, 0.4299,
0.3248

 1.2880, 0.7783,
0.2217

165.4256, 0.4213,
0.3257

 0.1318, 0.9382,
0.0618

204.3006, 0.4139,

 0.0000, 1.0000,


0.3264


0.0000


248.8335, 0.4074,
0.3270

 0.0000, 0.0000,
0.0000


 29.4663, 0.5048,
0.3134


 29.4663, 0.5048,
0.3134

 25.5152, 0.5500,
0.3143


 35.0154, 0.4606,
0.3143


 22.9879, 0.5906,
0.3173

 42.3030, 0.4212,
0.3163


 21.6783, 0.6202,
0.3221

 51.4600, 0.3877,
0.3190

 21.3392, 0.6299,
0.3244

 62.6031, 0.3603,
0.3220

 75.8397, 0.3381,
0.3249

 91.2695, 0.3204,
0.3277

99.9973, 0.3127,
0.3290

Harmonies

Analogous

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



29.4663, 0.4132, 0.2489



29.4663, 0.5048, 0.3134



29.4663, 0.5262, 0.3851

Triad

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



29.4663, 0.5048, 0.3134



29.4663, 0.2947, 0.5263



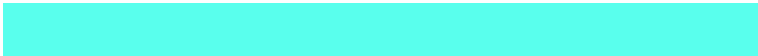
29.4663, 0.1541, 0.1779

Complementary

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



29.4663, 0.5048, 0.3134



79.7518, 0.2424, 0.3505

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.



29.4663, 0.1354, 0.2153



29.4663, 0.5048, 0.3134



29.4663, 0.2049, 0.4279

Square

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



29.4663, 0.5048, 0.3134



29.4663, 0.3943, 0.5255



29.4663, 0.1503, 0.3001



29.4663, 0.2070, 0.1749

Rectangle

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



29.4663, 0.5048, 0.3134



29.4663, 0.5012, 0.4358



29.4663, 0.1503, 0.3001



29.4663, 0.1443, 0.1860

Sweetspot

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



29.4680, 0.5048, 0.3134



69.0750, 0.3484, 0.3235



32.1370, 0.3014, 0.1727



14.0056, 0.3548, 0.3226



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.



29.4680, 0.5048, 0.3134



24.6428, 0.5627, 0.3150



44.6454, 0.4760, 0.3908



18.0190, 0.3277, 0.3265



11.1618, 0.6275, 0.3231



1.0967, 0.6051, 0.3107

Inverse Universe

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



29.4680, 0.5048, 0.3134



24.6428, 0.5627, 0.3150



46.7668, 0.2162, 0.2473



18.0190, 0.3277, 0.3265



11.1618, 0.6275, 0.3231



1.0967, 0.6051, 0.3107

Previews

White Background



This preview shows how the Yxy color 29.4663, 0.5048, 0.3134 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 29.4663, 0.5048, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

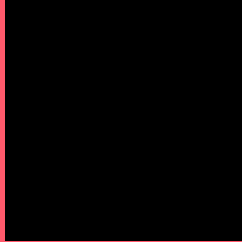
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4663, 0.5048, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 29.4663, 0.5048, 0.3134.



This preview shows how white text looks on a background with the Yxy color 29.4663, 0.5048, 0.3134.

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

29.4663, 0.5048, 0.3134

Protanopia

29.7711, 0.3328, 0.3511

Deuteranopia

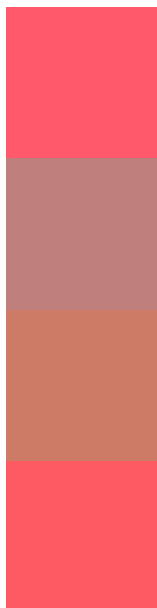
29.5940, 0.3977, 0.3915



Tritanopia

29.3975, 0.5169, 0.3252

Trichromacy



Original Color

29.4663, 0.5048, 0.3134

Protanomaly

27.7103, 0.3936, 0.3334

Deuteranomaly

28.1044, 0.4391, 0.3561

Tritanomaly

29.3033, 0.5125, 0.3207

Monochromacy



Original Color

29.4663, 0.5048, 0.3134

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.4491, 0.3788, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4663, 0.5048, 0.3134 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(255, 89, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 107)  
}
```

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(255, 89, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 107) }
```

Border

The CSS property to change the border of an element to Yxy 29.4663, 0.5048, 0.3134 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(255, 89, 107) }
```

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

```
.border{ border-color:rgb(255, 89, 107) }
```

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

Here you see how a box with a 4 pixel rgb(255, 89, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4663, 0.5048, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 107) }
```

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

```
.background{ background-color: rgb(255, 89,  
107) }
```

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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