

Converting Colors

$Y_{xy}(30.2545, 0.5027, 0.3211)$

Have a look what the booklet for
Yxy(30.2545, 0.5027, 0.3211)
contains.

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Color

Yxy(30.2752, 0.5028, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	FE5F69
RGB	254, 95, 105
RGB Percent	100%, 37%, 41%
CMY	0.0040, 0.6273, 0.5882
CMYK	0.00, 0.63, 0.59, 0.00
HSL	356°, 99%, 68%
HSV	356°, 63%, 100%
XYZ	47.5105, 30.2752, 16.7062
YIQ	143.6810, 91.5540, 36.8180

Conversions

Conversions Part 2

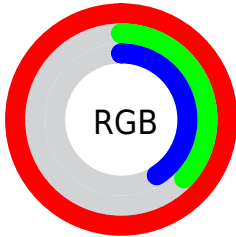
Format	Color
R _Y B	254, 95, 105
Decimal	16670569
CIE Lab	61.89, 61.08, 27.22
CIE LCh	62, 66.870, 24.024
Yxy	30.2752, 0.5028, 0.3204
Android (android.graphics.Color)	4294860649 (0xFFFE5F69)
YUV	143.6810, -19.0697, 96.7498
Hunter-Lab	55.0229, 57.8390, 20.5143

Details

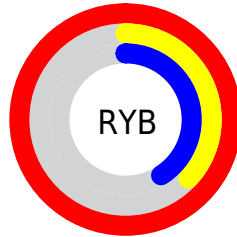
The Yxy color **30.2752, 0.5028, 0.3204** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **79.8381, 0.2410, 0.3407**, and the grayscale version is **27.8098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.1168, 0.4122, 0.3251**, and **12.4149, 0.5638, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **25.9987, 0.5496, 0.3209**, and if you desaturate by 10%, it is **36.1830, 0.4576, 0.3210**.

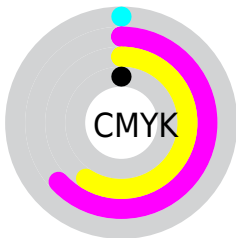
Distribution



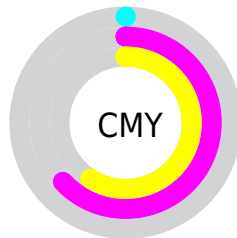
- Red (100%)
- Green (37%)
- Blue (41%)



- Red (100%)
- Yellow (37%)
- Blue (41%)



- Cyan (0%)
- Magenta (63%)
- Yellow (59%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2752, 0.5028, 0.3204 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 30.2752, 0.5028, 0.3204 by changing the saturation by 10% instead.


 30.2752, 0.5028,
0.3204


 30.2752, 0.5028,
0.3204


303.1851, 0.4011,
0.3309


 20.0476, 0.5294,
0.3154


 60.0971, 0.4647,
0.3259


 12.4296, 0.5637,
0.3075


 80.4602, 0.4507,
0.3275

 7.0370, 0.6090,
0.2944


 104.9705, 0.4390,
0.3286

 3.4852, 0.6706,
0.2720

 134.0125, 0.4291,
0.3294

 1.3900, 0.7652,
0.2348

167.9706, 0.4206,
0.3300

 0.2093, 0.9055,
0.0945

207.2291, 0.4132,


 0.0000, 1.0000,

0.3304


0.0000


252.1725, 0.4068,
0.3307


 0.0000, 0.0000,
0.0000


 30.2752, 0.5028,
0.3204

 30.2752, 0.5028,
0.3204


 25.9987, 0.5496,
0.3209


 36.1830, 0.4576,
0.3210


 23.1855, 0.5917,
0.3226


 43.8582, 0.4175,
0.3222


 21.6407, 0.6223,
0.3254

 53.4285, 0.3838,
0.3237

 21.1046, 0.6354,
0.3274

 65.0083, 0.3564,
0.3254

 78.7031, 0.3343,
0.3271

 94.6109, 0.3167,
0.3286

99.8074, 0.3121,
0.3290

Harmonies

Analogous

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



30.2752, 0.4189, 0.2563



30.2752, 0.5028, 0.3204



30.2752, 0.5182, 0.3912

Triad

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



30.2752, 0.5028, 0.3204



30.2752, 0.2882, 0.5137



30.2752, 0.1613, 0.1808

Complementary

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



30.2752, 0.5028, 0.3204



79.8381, 0.2410, 0.3407

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.



30.2752, 0.1404, 0.2145



30.2752, 0.5028, 0.3204



30.2752, 0.2027, 0.4135

Square

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



30.2752, 0.5028, 0.3204



30.2752, 0.3853, 0.5225



30.2752, 0.1524, 0.2929



30.2752, 0.2163, 0.1801

Rectangle

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



30.2752, 0.5028, 0.3204



30.2752, 0.4915, 0.4406



30.2752, 0.1524, 0.2929



30.2752, 0.1508, 0.1879

Sweetspot

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



30.2769, 0.5028, 0.3204



70.3007, 0.3479, 0.3260



34.4672, 0.3096, 0.1806



14.2391, 0.3546, 0.3255



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.



30.2769, 0.5028, 0.3204



25.4171, 0.5605, 0.3212



48.4120, 0.4613, 0.3974



18.0056, 0.3285, 0.3275



11.1354, 0.6337, 0.3265



1.0904, 0.6192, 0.3184

Inverse Universe

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



30.2769, 0.5028, 0.3204



25.4171, 0.5605, 0.3212



44.3295, 0.2167, 0.2403



18.0056, 0.3285, 0.3275



11.1354, 0.6337, 0.3265



1.0904, 0.6192, 0.3184

Previews

White Background



This preview shows how the Yxy color 30.2752, 0.5028, 0.3204 looks on a white background.

Color Contrast Check

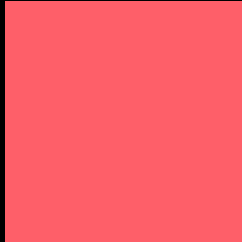
Large Text (above 18pt) WCAG AA × Fail

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 30.2752, 0.5028, 0.3204 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 ✓ Pass

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

Yxy 30.2752, 0.5028, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 30.2752, 0.5028, 0.3204.



This preview shows how white text looks on a background with the Yxy color 30.2752, 0.5028, 0.3204.

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

30.2752, 0.5028, 0.3204

Protanopia

30.2480, 0.3408, 0.3603

Deuteranopia

30.2113, 0.4025, 0.3948



Tritanopia

30.3762, 0.5072, 0.3250

Trichromacy



Original Color

30.2752, 0.5028, 0.3204

Protanomaly

28.2630, 0.3986, 0.3416

Deuteranomaly

29.1072, 0.4414, 0.3620

Tritanomaly

30.3959, 0.5060, 0.3241

Monochromacy



Original Color

30.2752, 0.5028, 0.3204

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.7238, 0.3784, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2752, 0.5028, 0.3204 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, 95, 105)` looks like.

```
.text, #text, p{  
    color:rgb(254, 95, 105)  
}
```

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, 95, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 95, 105) }
```

Border

The CSS property to change the border of an element to Yxy 30.2752, 0.5028, 0.3204 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, 95, 105) }
```

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

```
.border{ border-color:rgb(254, 95, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 95, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 95, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 95, 105);  
box-shadow:4px 4px 4px 4px rgb(254, 95,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2752, 0.5028, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 95, 105) }
```

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

```
.background{ background-color: rgb(254, 95,  
105) }
```

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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