

Converting Colors

$Y_{xy}(29.8057, 0.5066, 0.3200)$

Have a look what the booklet for
Yxy(29.8057, 0.5066, 0.3200)
contains.

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Color

Yxy(29.8788, 0.5067, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	FE5D67
RGB	254, 93, 103
RGB Percent	100%, 36%, 40%
CMY	0.0039, 0.6353, 0.5961
CMYK	0.00, 0.63, 0.59, 0.00
HSL	356°, 99%, 68%
HSV	356°, 63%, 100%
XYZ	47.2374, 29.8788, 16.1094
YIQ	142.2790, 92.7460, 37.2420

Conversions

Conversions Part 2

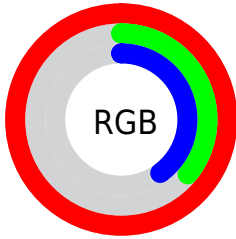
Format	Color
R _Y B	254, 93, 103
Decimal	16670055
CIE Lab	61.55, 61.79, 27.93
CIE LCh	62, 67.805, 24.322
Yxy	29.8788, 0.5067, 0.3205
Android (android.graphics.Color)	4294860135 (0xFFFE5D67)
YUV	142.2790, -19.3645, 97.9793
Hunter-Lab	54.6615, 58.5986, 20.7896

Details

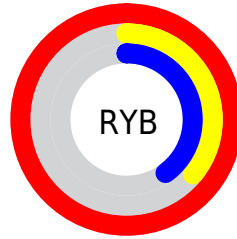
The Yxy color **29.8788, 0.5067, 0.3205** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **79.7470, 0.2405, 0.3407**, and the grayscale version is **27.2180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4058, 0.4151, 0.3251**, and **12.2406, 0.5690, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **25.7254, 0.5534, 0.3211**, and if you desaturate by 10%, it is **35.6518, 0.4611, 0.3210**.

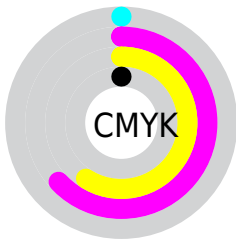
Distribution



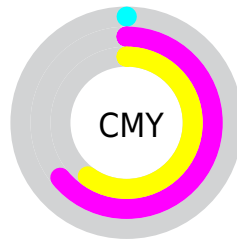
- Red (100%)
- Green (36%)
- Blue (40%)



- Red (100%)
- Yellow (36%)
- Blue (40%)



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





- Cyan (0%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8788, 0.5067, 0.3205 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 29.8788, 0.5067, 0.3205 by changing the saturation by 10% instead.


 29.8788, 0.5067,
0.3205


 29.8788, 0.5067,
0.3205


301.3391, 0.4028,
0.3313


 19.7466, 0.5338,
0.3153


 59.4705, 0.4678,
0.3262

 12.2110, 0.5688,
0.3071


 79.6987, 0.4535,
0.3278

 6.8875, 0.6149,
0.2935


 104.0611, 0.4415,
0.3289

 3.3919, 0.6781,
0.2704

 132.9421, 0.4314,
0.3297

 1.3396, 0.7696,
0.2304

166.7259, 0.4227,
0.3303

 0.1715, 0.9200,
0.0800

205.7971, 0.4152,

 0.0000, 1.0000,

0.3307

0.0000

250.5401, 0.4086,
0.3311

■ 0.0000, 0.0000,
0.0000

■ 29.8788, 0.5067,
0.3205

■ 29.8788, 0.5067,
0.3205

■ 25.7254, 0.5534,
0.3211

■ 35.6518, 0.4611,
0.3210

■ 23.0215, 0.5948,
0.3229

■ 43.1821, 0.4206,
0.3221


■ 21.5685, 0.6241,
0.3257

■ 52.5985, 0.3863,
0.3237

■ 21.1087, 0.6354,
0.3274

■ 64.0164, 0.3584,
0.3253

■ 77.5417, 0.3359,
0.3269

 93.2733, 0.3179,
0.3285

99.8120, 0.3121,
0.3290

Harmonies

Analogous

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



29.8788, 0.4219, 0.2557



29.8788, 0.5067, 0.3205



29.8788, 0.5211, 0.3920

Triad

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



29.8788, 0.5067, 0.3205



29.8788, 0.2863, 0.5170



29.8788, 0.1596, 0.1785

Complementary

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



29.8788, 0.5067, 0.3205



79.7470, 0.2405, 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.



29.8788, 0.1381, 0.2120



29.8788, 0.5067, 0.3205



29.8788, 0.2000, 0.4139

Square

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



29.8788, 0.5067, 0.3205



29.8788, 0.3848, 0.5260



29.8788, 0.1497, 0.2908



29.8788, 0.2154, 0.1782

Rectangle

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



29.8788, 0.5067, 0.3205



29.8788, 0.4933, 0.4422



29.8788, 0.1497, 0.2908



29.8788, 0.1489, 0.1855

Sweetspot

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



29.8805, 0.5067, 0.3205



70.2991, 0.3479, 0.3260



34.0886, 0.3095, 0.1792



14.2387, 0.3547, 0.3256



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.



29.8805, 0.5067, 0.3205



25.1030, 0.5651, 0.3214



47.9755, 0.4638, 0.3980



18.0054, 0.3285, 0.3276



11.1350, 0.6338, 0.3265



1.0903, 0.6194, 0.3186

Inverse Universe

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



29.8805, 0.5067, 0.3205



25.1030, 0.5651, 0.3214



43.8634, 0.2156, 0.2389



18.0054, 0.3285, 0.3276



11.1350, 0.6338, 0.3265



1.0903, 0.6194, 0.3186

Previews

White Background



This preview shows how the Yxy color 29.8788, 0.5067, 0.3205 looks on a white background.

Color Contrast Check

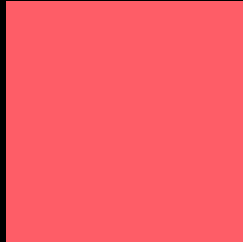
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8788, 0.5067, 0.3205 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 29.8788, 0.5067, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 29.8788, 0.5067, 0.3205.



This preview shows how white text looks on a background with the Yxy color 29.8788, 0.5067, 0.3205.

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

29.8788, 0.5067, 0.3205

Protanopia

30.1953, 0.3428, 0.3634

Deuteranopia

29.8755, 0.4052, 0.3961



Tritanopia

29.9771, 0.5111, 0.3251

Trichromacy



Original Color

29.8788, 0.5067, 0.3205

Protanomaly

28.2150, 0.4011, 0.3444

Deuteranomaly

28.5625, 0.4453, 0.3619

Tritanomaly

29.9963, 0.5098, 0.3242

Monochromacy



Original Color

29.8788, 0.5067, 0.3205

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.0411, 0.3805, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8788, 0.5067, 0.3205 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, 93, 103)` looks like.

```
.text, #text, p{  
    color:rgb(254, 93, 103)  
}
```

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, 93, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 93, 103) }
```

Border

The CSS property to change the border of an element to Yxy 29.8788, 0.5067, 0.3205 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, 93, 103) }
```

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

```
.border{ border-color:rgb(254, 93, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 93, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 93, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 93, 103);  
box-shadow:4px 4px 4px 4px rgb(254, 93,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8788, 0.5067, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 93, 103) }
```

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

```
.background{ background-color: rgb(254, 93,  
103) }
```

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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