

Converting Colors

$Yxy(39.0200, 0.5436, 0.3258)$

Have a look what the booklet for
Yxy(39.0200, 0.5436, 0.3258)
contains.

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Color

Yxy(29.7961, 0.5145, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C62
RGB	255, 92, 98
RGB Percent	100%, 36%, 38%
CMY	0.0000, 0.6392, 0.6158
CMYK	0.00, 0.64, 0.62, 0.00
HSL	358°, 100%, 68%
HSV	358°, 64%, 100%
XYZ	47.2713, 29.7961, 14.8108
YIQ	141.4210, 95.2220, 36.4220

Conversions

Conversions Part 2

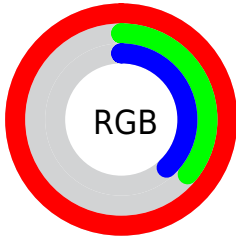
Format	Color
R _Y B	255, 92, 98
Decimal	16735330
CIE Lab	61.48, 62.19, 30.73
CIE LCh	61, 69.367, 26.292
Yxy	29.7961, 0.5145, 0.3243
Android (android.graphics.Color)	4294925410 (0xFFFF5C62)
YUV	141.4210, -21.4066, 99.6088
Hunter-Lab	54.5858, 59.0559, 22.1229

Details

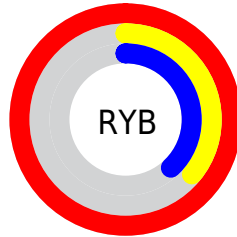
The Yxy color **29.7961, 0.5145, 0.3243** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **80.6371, 0.2386, 0.3358**, and the grayscale version is **26.8690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9248, 0.4209, 0.3293**, and **12.2383, 0.5774, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **25.7030, 0.5615, 0.3248**, and if you desaturate by 10%, it is **35.5208, 0.4677, 0.3245**.

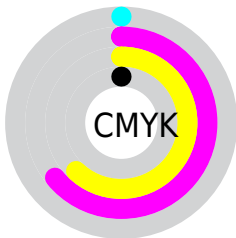
Distribution



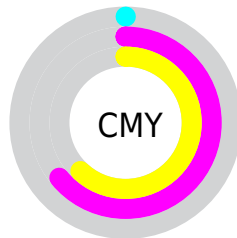
- Red (100%)
- Green (36%)
- Blue (38%)



- Red (100%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (64%)
- Yellow (62%)
- Black (0%)




- Cyan (0%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7961, 0.5145, 0.3243 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 29.7961, 0.5145, 0.3243 by changing the saturation by 10% instead.


 29.7961, 0.5145,
0.3243

 29.7961, 0.5145,
0.3243


300.9529, 0.4067,
0.3339


 19.6839, 0.5424,
0.3191


 59.3396, 0.4743,
0.3298


 12.1655, 0.5782,
0.3107


 79.5396, 0.4594,
0.3312

 6.8565, 0.6248,
0.2965


 103.8710, 0.4470,
0.3322

 3.3725, 0.6907,
0.2735

 132.7183, 0.4364,
0.3329

 1.3292, 0.7712,
0.2288

166.4656, 0.4274,
0.3333

 0.1636, 0.9236,
0.0764

205.4976, 0.4196,


 0.0000, 1.0000,


0.3336


0.0000


250.1986, 0.4127,
0.3338


 0.0000, 0.0000,
0.0000


 29.7961, 0.5145,
0.3243


 29.7961, 0.5145,
0.3243

 25.7030, 0.5615,
0.3248


 35.5208, 0.4677,
0.3245


 23.0671, 0.6019,
0.3260


 43.0184, 0.4257,
0.3251


 21.6834, 0.6287,
0.3278

 52.4206, 0.3901,
0.3259

 21.2805, 0.6375,
0.3285

 63.8452, 0.3610,
0.3268

 77.4005, 0.3376,
0.3278

 93.1871, 0.3190,
0.3287

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



29.7961, 0.4316, 0.2581



29.7961, 0.5145, 0.3243



29.7961, 0.5236, 0.3971

Triad

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



29.7961, 0.5145, 0.3243



29.7961, 0.2787, 0.5179



29.7961, 0.1595, 0.1747

Complementary

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



29.7961, 0.5145, 0.3243



80.6371, 0.2386, 0.3358

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.



29.7961, 0.1356, 0.2060



29.7961, 0.5145, 0.3243



29.7961, 0.1928, 0.4071

Square

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



29.7961, 0.5145, 0.3243



29.7961, 0.3789, 0.5326



29.7961, 0.1448, 0.2826



29.7961, 0.2185, 0.1765

Rectangle

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



29.7961, 0.5145, 0.3243



29.7961, 0.4922, 0.4484



29.7961, 0.1448, 0.2826



29.7961, 0.1479, 0.1810

Sweetspot

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



29.7977, 0.5145, 0.3243



70.2380, 0.3489, 0.3273



34.6232, 0.3120, 0.1795



14.2243, 0.3558, 0.3270



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.



29.7977, 0.5145, 0.3243



24.7436, 0.5750, 0.3251



49.0718, 0.4633, 0.4010



17.9979, 0.3289, 0.3282



11.1242, 0.6364, 0.3279



1.0867, 0.6276, 0.3231

Inverse Universe

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



29.7977, 0.5145, 0.3243



24.7436, 0.5750, 0.3251



42.8106, 0.2141, 0.2343



17.9979, 0.3289, 0.3282



11.1242, 0.6364, 0.3279



1.0867, 0.6276, 0.3231

Previews

White Background



This preview shows how the Yxy color 29.7961, 0.5145, 0.3243 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 29.7961, 0.5145, 0.3243 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 29.7961, 0.5145, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 29.7961, 0.5145, 0.3243.



This preview shows how white text looks on a background with the Yxy color 29.7961, 0.5145, 0.3243.

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

29.7961, 0.5145, 0.3243

Protanopia

29.7530, 0.3482, 0.3699

Deuteranopia

29.7875, 0.4103, 0.4028



Tritanopia

29.7961, 0.5145, 0.3243

Trichromacy



Original Color

29.7961, 0.5145, 0.3243

Protanomaly

27.9681, 0.4089, 0.3498

Deuteranomaly

28.4710, 0.4511, 0.3679

Tritanomaly

29.7961, 0.5145, 0.3243

Monochromacy



Original Color

29.7961, 0.5145, 0.3243

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.5917, 0.3835, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7961, 0.5145, 0.3243 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, 92, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 98)  
}
```

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, 92, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 98) }
```

Border

The CSS property to change the border of an element to Yxy 29.7961, 0.5145, 0.3243 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, 92, 98) }
```

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

```
.border{ border-color:rgb(255, 92, 98) }
```

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

Here you see how a box with a 4 pixel rgb(255, 92, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7961, 0.5145, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 98) }
```

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

```
.background{ background-color: rgb(255, 92,  
98) }
```

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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