

Converting Colors

$Yxy(36.0683, 0.5099, 0.3403)$

Have a look what the booklet for
Yxy(36.0683, 0.5099, 0.3403)
contains.

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Color

Yxy(33.5297, 0.4998, 0.3408)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF6F63 |
| RGB | 255, 111, 99 |
| RGB Percent | 100%, 44%, 39% |
| CMY | 0.0000, 0.5646, 0.6118 |
| CMYK | 0.00, 0.56, 0.61, 0.00 |
| HSL | 5°, 100%, 69% |
| HSV | 5°, 61%, 100% |
| XYZ | 49.1730, 33.5297, 15.6826 |
| YIQ | 152.6880, 89.6760, 26.7960 |

Conversions

Conversions Part 2

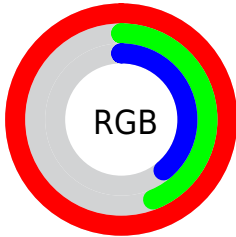
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 112, 99 |
| Decimal | 16740195 |
| CIE Lab | 64.59, 54.03, 34.11 |
| CIE LCh | 65, 63.894, 32.263 |
| Yxy | 33.5297, 0.4998, 0.3408 |
| Android (android.graphics.Color) | 4294930275 (0xFFFF6F63) |
| YUV | 152.6880, -26.4682, 89.7276 |
| Hunter-Lab | 57.9048, 50.2493, 24.4756 |

Details

The Yxy color **33.5297, 0.4998, 0.3408** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **73.9491, 0.2349, 0.3145**, and the grayscale version is **31.8031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0994, 0.4115, 0.3472**, and **14.1868, 0.5563, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **28.6407, 0.5462, 0.3408**, and if you desaturate by 10%, it is **39.9287, 0.4552, 0.3397**.

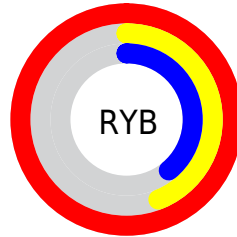
Distribution



Red (100%)

Green (44%)

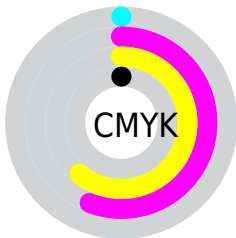
Blue (39%)



Red (100%)

Yellow (44%)

Blue (39%)

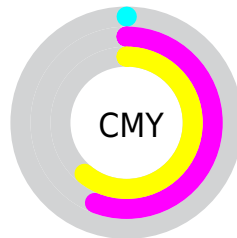


Cyan (0%)

Magenta (56%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5297, 0.4998, 0.3408 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 33.5297, 0.4998, 0.3408 by changing the saturation by 10% instead.


 33.5297, 0.4998,
0.3408


 33.5297, 0.4998,
0.3408


318.0299, 0.4016,
0.3415

 22.5325, 0.5247,
0.3381

 65.2016, 0.4636,
0.3429

 14.2487, 0.5563,
0.3329


 86.6452, 0.4501,
0.3431

 8.2939, 0.5971,
0.3234


 112.3397, 0.4387,
0.3431

 4.2836, 0.6524,
0.3062

 142.6695, 0.4290,
0.3429

 1.8334, 0.7270,
0.2730

178.0191, 0.4207,
0.3426

 0.5079, 0.8133,
0.1867

218.7727, 0.4135,


 0.0000, 1.0000,

0.3423

0.0000


265.3148, 0.4072,
0.3419


 0.0000, 0.0000,
0.0000


 33.5297, 0.4998,
0.3408


 33.5297, 0.4998,
0.3408


 28.6407, 0.5462,
0.3408


 39.9287, 0.4552,
0.3397


 25.1326, 0.5885,
0.3393


 47.9422, 0.4156,
0.3378

 22.8636, 0.6200,
0.3362

 57.6718, 0.3822,
0.3356

 21.7459, 0.6358,
0.3333

 69.2092, 0.3548,
0.3334

 82.6394, 0.3325,
0.3312

98.0422, 0.3146,
0.3292

99.9976, 0.3127,
0.3290

Harmonies

Analogous

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



33.5297, 0.4371, 0.2772



33.5297, 0.4998, 0.3408



33.5297, 0.4978, 0.4093

Triad

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



33.5297, 0.4998, 0.3408



33.5297, 0.2673, 0.4793



33.5297, 0.1813, 0.1867

Complementary

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



33.5297, 0.4998, 0.3408



73.9491, 0.2349, 0.3145

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.



33.5297, 0.1527, 0.2101



33.5297, 0.4998, 0.3408



33.5297, 0.1939, 0.3751

Square

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



33.5297, 0.4998, 0.3408



33.5297, 0.3583, 0.5140



33.5297, 0.1557, 0.2720



33.5297, 0.2432, 0.1932

Rectangle

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



33.5297, 0.4998, 0.3408



33.5297, 0.4653, 0.4549



33.5297, 0.1557, 0.2720



33.5297, 0.1682, 0.1908

Sweetspot

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



33.5315, 0.4998, 0.3408



73.2754, 0.3472, 0.3327



36.7474, 0.3291, 0.1947



14.8868, 0.3541, 0.3333



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.



33.5315, 0.4998, 0.3408



27.9052, 0.5544, 0.3406



57.8646, 0.4415, 0.4165



18.2119, 0.3293, 0.3309



11.4433, 0.6345, 0.3344



1.1883, 0.6226, 0.3439

Inverse Universe

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



73.9491, 0.2349, 0.3145



71.1824, 0.2268, 0.3113



37.3591, 0.2121, 0.2145



20.2276, 0.2980, 0.3271



35.0218, 0.2180, 0.3047



3.4783, 0.2188, 0.3076

Previews

White Background



This preview shows how the Yxy color 33.5297, 0.4998, 0.3408 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 33.5297, 0.4998, 0.3408 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 33.5297, 0.4998, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 33.5297, 0.4998, 0.3408.



This preview shows how white text looks on a background with the Yxy color 33.5297, 0.4998, 0.3408.

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

33.5297, 0.4998, 0.3408

Protanopia

33.7468, 0.3609, 0.3869

Deuteranopia

33.6618, 0.4145, 0.4065



Tritanopia

33.4582, 0.4809, 0.3227

Trichromacy



Original Color

33.5297, 0.4998, 0.3408

Protanomaly

32.1832, 0.4117, 0.3674

Deuteranomaly

32.7307, 0.4466, 0.3786

Tritanomaly

33.5376, 0.4876, 0.3295

Monochromacy



Original Color

33.5297, 0.4998, 0.3408

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8176, 0.3769, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5297, 0.4998, 0.3408 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, 111, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 99)  
}
```

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, 111, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 99) }
```

Border

The CSS property to change the border of an element to Yxy 33.5297, 0.4998, 0.3408 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, 111, 99) }
```

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

```
.border{ border-color:rgb(255, 111, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5297, 0.4998, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 99) }
```

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

```
.background{ background-color: rgb(255,  
111, 99) }
```

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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