

Converting Colors

Yxy(33.1186, 0.5150, 0.3546)

Have a look what the booklet for
Yxy(33.1186, 0.5150, 0.3546)
contains.

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Color

Yxy(33.0798, 0.5152, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	FE6F54
RGB	254, 111, 84
RGB Percent	100%, 44%, 33%
CMY	0.0039, 0.5647, 0.6706
CMYK	0.00, 0.56, 0.67, 0.00
HSL	10°, 99%, 66%
HSV	10°, 67%, 100%
XYZ	48.1569, 33.0798, 12.2355
YIQ	150.6790, 93.8950, 21.9190

Conversions

Conversions Part 2

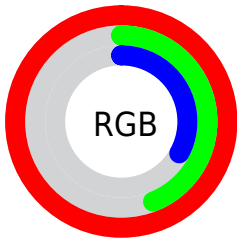
Format	Color
R _Y B	254, 116, 84
Decimal	16674644
CIE Lab	64.23, 52.81, 41.81
CIE LCh	64, 67.352, 38.369
Yxy	33.0798, 0.5152, 0.3539
Android (android.graphics.Color)	4294864724 (0xFFFE6F54)
YUV	150.6790, -32.8727, 90.6125
Hunter-Lab	57.5150, 48.8052, 27.6474

Details

The Yxy color **33.0798, 0.5152, 0.3539** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **63.9735, 0.2264, 0.2955**, and the grayscale version is **30.9182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2537, 0.4271, 0.3627**, and **14.0383, 0.5736, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **28.6347, 0.5580, 0.3529**, and if you desaturate by 10%, it is **38.7876, 0.4720, 0.3524**.

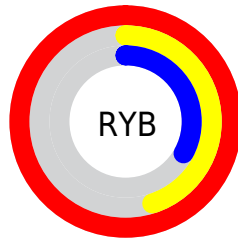
Distribution



Red (100%)

Green (44%)

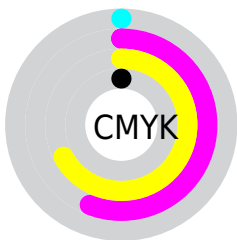
Blue (33%)



Red (100%)

Yellow (45%)

Blue (33%)

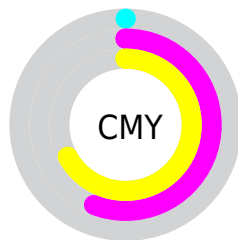


Cyan (0%)

Magenta (56%)

Yellow (67%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0798, 0.5152, 0.3539 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 33.0798, 0.5152, 0.3539 by changing the saturation by 10% instead.


 33.0798, 0.5152,
0.3539


 33.0798, 0.5152,
0.3539


316.0092, 0.4097,
0.3500

 22.1876, 0.5411,
0.3515


 64.5001, 0.4768,
0.3549

 13.9948, 0.5735,
0.3462


 85.7970, 0.4623,
0.3545

 8.1170, 0.6139,
0.3356


 111.3308, 0.4500,
0.3539

 4.1699, 0.6785,
0.3215

 141.4861, 0.4396,
0.3532

 1.7691, 0.7251,
0.2749

 176.6472, 0.4306,
0.3524

 0.4678, 0.8168,
0.1832

217.1985, 0.4227,


 0.0000, 1.0000,


0.3515


0.0000

263.5243, 0.4158,
0.3507

 0.0000, 0.0000,
0.0000


 33.0798, 0.5152,
0.3539


 33.0798, 0.5152,
0.3539


 28.6347, 0.5580,
0.3529


 38.7876, 0.4720,
0.3524


 25.3495, 0.5951,
0.3489

 45.8395, 0.4322,
0.3491


 23.1136, 0.6210,
0.3423

 54.3161, 0.3975,
0.3450

 22.6113, 0.6269,
0.3404

 64.2904, 0.3683,
0.3405

 75.8302, 0.3441,
0.3360

 88.9990, 0.3243,
0.3318

99.8100, 0.3121,
0.3290

Harmonies

Analogous

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



33.0798, 0.4626, 0.2869



33.0798, 0.5152, 0.3539



33.0798, 0.4982, 0.4257

Triad

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



33.0798, 0.5152, 0.3539



33.0798, 0.2458, 0.4709



33.0798, 0.1854, 0.1793

Complementary

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



33.0798, 0.5152, 0.3539



63.9735, 0.2264, 0.2955

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.



33.0798, 0.1491, 0.1962



33.0798, 0.5152, 0.3539



33.0798, 0.1763, 0.3525

Square

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



33.0798, 0.5152, 0.3539



33.0798, 0.3393, 0.5255



33.0798, 0.1452, 0.2511



33.0798, 0.2569, 0.1919

Rectangle

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



33.0798, 0.5152, 0.3539



33.0798, 0.4572, 0.4731



33.0798, 0.1452, 0.2511



33.0798, 0.1696, 0.1814

Sweetspot

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



33.0816, 0.5152, 0.3539



72.7577, 0.3511, 0.3374



33.0407, 0.3454, 0.1964



14.8676, 0.3578, 0.3387



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.



33.0816, 0.5152, 0.3539



27.7482, 0.5704, 0.3520



60.5164, 0.4445, 0.4347



18.4529, 0.3290, 0.3328



12.0569, 0.6248, 0.3421



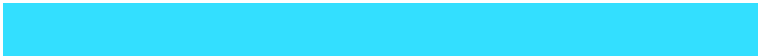
1.3015, 0.6059, 0.3571

Inverse Universe

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



63.9735, 0.2264, 0.2955



60.4812, 0.2175, 0.2879



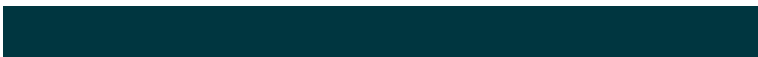
28.8368, 0.1991, 0.1826



19.9609, 0.2980, 0.3251



29.2159, 0.2104, 0.2775



2.9706, 0.2122, 0.2840

Previews

White Background



This preview shows how the Yxy color 33.0798, 0.5152, 0.3539 looks on a white background.

Color Contrast Check

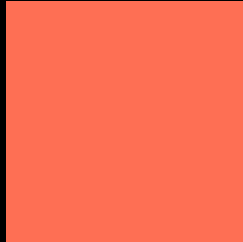
Large Text (above 18pt) WCAG AA × Fail

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 33.0798, 0.5152, 0.3539 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 33.0798, 0.5152, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 33.0798, 0.5152, 0.3539.



This preview shows how white text looks on a background with the Yxy color 33.0798, 0.5152, 0.3539.

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

33.0798, 0.5152, 0.3539

Protanopia

33.2431, 0.3805, 0.4111

Deuteranopia

33.2372, 0.4297, 0.4222



Tritanopia

32.9903, 0.4847, 0.3228

Trichromacy



Original Color

33.0798, 0.5152, 0.3539

Protanomaly

31.9818, 0.4309, 0.3883

Deuteranomaly

32.3542, 0.4633, 0.3931

Tritanomaly

32.9644, 0.4973, 0.3342

Monochromacy



Original Color

33.0798, 0.5152, 0.3539

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.8320, 0.3824, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0798, 0.5152, 0.3539 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, 111, 84)` looks like.

```
.text, #text, p{  
    color:rgb(254, 111, 84)  
}
```

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, 111, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 111, 84) }
```

Border

The CSS property to change the border of an element to Yxy 33.0798, 0.5152, 0.3539 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, 111, 84) }
```

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

```
.border{ border-color:rgb(254, 111, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 111, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 111, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 111, 84);  
box-shadow:4px 4px 4px 4px rgb(254, 111,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0798, 0.5152, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 111, 84) }
```

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

```
.background{ background-color: rgb(254,  
111, 84) }
```

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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