

Converting Colors

Yxy(33.4544, 0.5183, 0.3597)

Have a look what the booklet for
Yxy(33.4544, 0.5183, 0.3597)
contains.

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Color

Yxy(33.4456, 0.5185, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	FE714F
RGB	254, 113, 79
RGB Percent	100%, 44%, 31%
CMY	0.0038, 0.5569, 0.6902
CMYK	0.00, 0.56, 0.69, 0.00
HSL	12°, 99%, 65%
HSV	12°, 69%, 100%
XYZ	48.1977, 33.4456, 11.3128
YIQ	151.2830, 94.9500, 19.3180

Conversions

Conversions Part 2

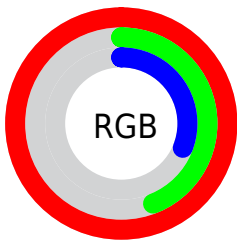
Format	Color
RYB	254, 121, 79
Decimal	16675151
CIELab	64.52, 51.65, 44.81
CIELCh	65, 68.375, 40.941
Yxy	33.4456, 0.5185, 0.3598
Android (android.graphics.Color)	4294865231 (0xFFFE714F)
YUV	151.2830, -35.6355, 90.0828
Hunter-Lab	57.8322, 47.5568, 28.8846

Details

The Yxy color **33.4456, 0.5185, 0.3598** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **60.0323, 0.2228, 0.2863**, and the grayscale version is **31.1992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8502, 0.4305, 0.3698**, and **14.2068, 0.5765, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **29.0823, 0.5596, 0.3584**, and if you desaturate by 10%, it is **38.9839, 0.4764, 0.3582**.

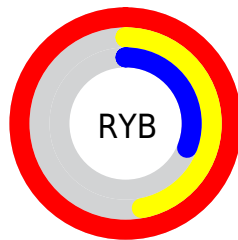
Distribution



Red (100%)

Green (44%)

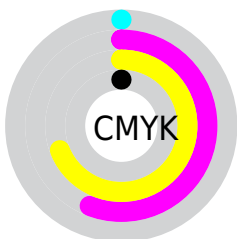
Blue (31%)



Red (100%)

Yellow (47%)

Blue (31%)

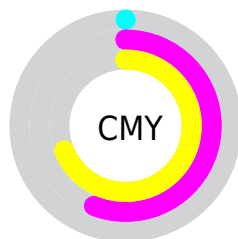


Cyan (0%)

Magenta (56%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4456, 0.5185, 0.3598 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 33.4456, 0.5185, 0.3598 by changing the saturation by 10% instead.

 33.4456, 0.5185,
0.3598


 33.4456, 0.5185,
0.3598


317.6529, 0.4120,
0.3536


 22.4680, 0.5443,
0.3576


 65.0706, 0.4799,
0.3602


 14.2012, 0.5761,
0.3526


 86.4868, 0.4653,
0.3595


 8.2607, 0.6154,
0.3419


 112.1514, 0.4530,
0.3586

 4.2622, 0.6740,
0.3260

 142.4486, 0.4424,
0.3576

 1.8213, 0.7197,
0.2803

 177.7630, 0.4332,
0.3566

 0.5004, 0.8069,
0.1931

218.4789, 0.4252,

 0.0000, 1.0000,

0.3555

0.0000

264.9807, 0.4182,
0.3545

0.0000, 0.0000,
0.0000

33.4456, 0.5185,
0.3598

33.4456, 0.5185,
0.3598

29.0823, 0.5596,
0.3584

38.9839, 0.4764,
0.3582

25.8012, 0.5946,
0.3533

45.7696, 0.4371,
0.3545


23.5003, 0.6192,
0.3456

53.8756, 0.4024,
0.3495

23.2998, 0.6214,
0.3448

63.3677, 0.3729,
0.3441

74.3071, 0.3482,
0.3386

 86.7512, 0.3278,
0.3334

99.8164, 0.3121,
0.3290

Harmonies

Analogous

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



33.4456, 0.4715, 0.2918



33.4456, 0.5185, 0.3598



33.4456, 0.4956, 0.4325

Triad

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



33.4456, 0.5185, 0.3598



33.4456, 0.2376, 0.4639



33.4456, 0.1889, 0.1780

Complementary

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



33.4456, 0.5185, 0.3598



60.0323, 0.2228, 0.2863

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.



33.4456, 0.1496, 0.1921



33.4456, 0.5185, 0.3598



33.4456, 0.1707, 0.3422

Square

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



33.4456, 0.5185, 0.3598



33.4456, 0.3309, 0.5270



33.4456, 0.1428, 0.2435



33.4456, 0.2641, 0.1930

Rectangle

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



33.4456, 0.5185, 0.3598



33.4456, 0.4517, 0.4799



33.4456, 0.1428, 0.2435



33.4456, 0.1720, 0.1792

Sweetspot

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



33.4475, 0.5185, 0.3598



72.5085, 0.3530, 0.3398



31.9395, 0.3531, 0.1983



14.8542, 0.3596, 0.3413



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.



33.4475, 0.5185, 0.3598



27.8463, 0.5750, 0.3567



62.3060, 0.4440, 0.4417



18.5577, 0.3290, 0.3337



12.4400, 0.6190, 0.3467



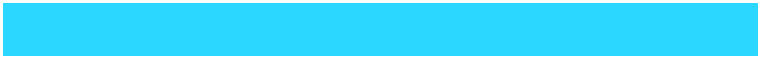
1.3538, 0.5987, 0.3628

Inverse Universe

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



60.0323, 0.2228, 0.2863



55.7885, 0.2133, 0.2762



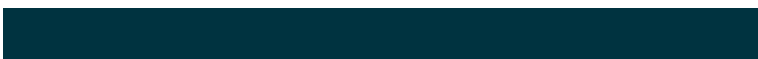
25.9888, 0.1942, 0.1699



19.8468, 0.2980, 0.3243



26.9234, 0.2071, 0.2654



2.7677, 0.2093, 0.2734

Previews

White Background



This preview shows how the Yxy color 33.4456, 0.5185, 0.3598 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 33.4456, 0.5185, 0.3598 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 33.4456, 0.5185, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 33.4456, 0.5185, 0.3598.



This preview shows how white text looks on a background with the Yxy color 33.4456, 0.5185, 0.3598.

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

33.4456, 0.5185, 0.3598

Protanopia

33.6927, 0.3875, 0.4199

Deuteranopia

33.4192, 0.4367, 0.4275



Tritanopia

33.4582, 0.4809, 0.3227

Trichromacy



Original Color

33.4456, 0.5185, 0.3598

Protanomaly

32.3276, 0.4361, 0.3951

Deuteranomaly

32.7017, 0.4688, 0.3996

Tritanomaly

33.3911, 0.4959, 0.3361

Monochromacy



Original Color

33.4456, 0.5185, 0.3598

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.0634, 0.3842, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4456, 0.5185, 0.3598 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, 113, 79)` looks like.

```
.text, #text, p{  
    color:rgb(254, 113, 79)  
}
```

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, 113, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 113, 79) }
```

Border

The CSS property to change the border of an element to Yxy 33.4456, 0.5185, 0.3598 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, 113, 79) }
```

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

```
.border{ border-color:rgb(254, 113, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 113, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 113, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 113, 79);  
box-shadow:4px 4px 4px 4px rgb(254, 113,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4456, 0.5185, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 113, 79) }
```

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

```
.background{ background-color: rgb(254,  
113, 79) }
```

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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