

Converting Colors

Yxy(34.6679, 0.5142, 0.3703)

Have a look what the booklet for
Yxy(34.6679, 0.5142, 0.3703)
contains.

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Color

Yxy(34.6364, 0.5144, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	FC784B
RGB	252, 120, 75
RGB Percent	99%, 47%, 29%
CMY	0.0118, 0.5293, 0.7061
CMYK	0.00, 0.52, 0.70, 0.01
HSL	15°, 97%, 64%
HSV	15°, 70%, 99%
XYZ	48.1279, 34.6364, 10.7970
YIQ	154.3380, 93.1170, 13.9890

Conversions

Conversions Part 2

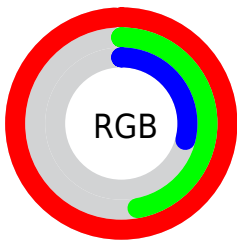
Format	Color
R _Y B	252, 135, 75
Decimal	16545867
CIE Lab	65.46, 47.39, 47.88
CIE LCh	65, 67.367, 45.300
Yxy	34.6364, 0.5144, 0.3702
Android (android.graphics.Color)	4294735947 (0xFFFC784B)
YUV	154.3380, -39.1136, 85.6496
Hunter-Lab	58.8527, 42.9796, 30.3197

Details

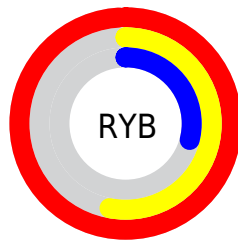
The Yxy color **34.6364, 0.5144, 0.3702** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **53.1126, 0.2182, 0.2710**, and the grayscale version is **32.6163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4263, 0.4290, 0.3799**, and **14.9123, 0.5685, 0.3655** is the 20% darker color. If you saturate the color by 10%, you get **30.2746, 0.5528, 0.3687**, and if you desaturate by 10%, it is **40.0249, 0.4749, 0.3680**.

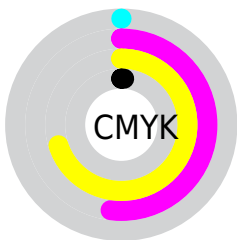
Distribution



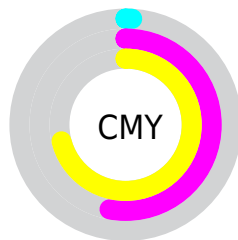
- Red (99%)
- Green (47%)
- Blue (29%)



- Red (99%)
- Yellow (53%)
- Blue (29%)



- Cyan (0%)
- Magenta (52%)
- Yellow (70%)
- Black (1%)





- Cyan (1%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6364, 0.5144, 0.3702 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 34.6364, 0.5144, 0.3702 by changing the saturation by 10% instead.


 34.6364, 0.5144,
0.3702


 34.6364, 0.5144,
0.3702


322.9605, 0.4111,
0.3589


 23.3829, 0.5390,
0.3692


 66.9221, 0.4773,
0.3688

 14.8765, 0.5690,
0.3654


 88.7231, 0.4632,
0.3675


 8.7328, 0.6057,
0.3565


 114.8088, 0.4511,
0.3660

 4.5673, 0.6581,
0.3419

 145.5635, 0.4408,
0.3645

 1.9957, 0.7002,
0.2998

 181.3716, 0.4319,
0.3630

 0.6050, 0.7749,
0.2251

222.6176, 0.4240,

 0.0000, 1.0000,

0.3616

0.0000

269.6857, 0.4172,
0.3602

■ 0.0000, 0.0000,
0.0000

■ 34.6364, 0.5144,
0.3702

■ 34.6364, 0.5144,
0.3702

■ 30.2746, 0.5528,
0.3687

■ 40.0249, 0.4749,
0.3680

■ 26.8644, 0.5858,
0.3629


■ 46.4966, 0.4375,
0.3631

■ 24.3767, 0.6098,
0.3540


■ 54.1104, 0.4040,
0.3567

■ 62.9192, 0.3751,
0.3496

■ 72.9723, 0.3507,
0.3425

 84.3163, 0.3302,
0.3356

 96.9954, 0.3131,
0.3292

 99.4338, 0.3109,
0.3290

Harmonies

Analogous

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



34.6364, 0.4783, 0.3024



34.6364, 0.5144, 0.3702



34.6364, 0.4842, 0.4417

Triad

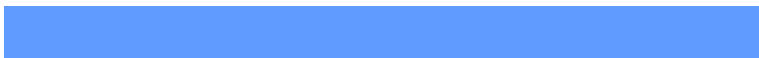
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.6364, 0.5144, 0.3702



34.6364, 0.2281, 0.4442



34.6364, 0.2001, 0.1815

Complementary

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



34.6364, 0.5144, 0.3702



53.1126, 0.2182, 0.2710

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.



34.6364, 0.1563, 0.1910



34.6364, 0.5144, 0.3702



34.6364, 0.1675, 0.3256

Square

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



34.6364, 0.5144, 0.3702



34.6364, 0.3174, 0.5184



34.6364, 0.1451, 0.2358



34.6364, 0.2790, 0.2000

Rectangle

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



34.6364, 0.5144, 0.3702



34.6364, 0.4381, 0.4864



34.6364, 0.1451, 0.2358



34.6364, 0.1817, 0.1813

Sweetspot

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



34.6383, 0.5144, 0.3702



74.1402, 0.3524, 0.3430



30.2607, 0.3680, 0.2062



15.2362, 0.3588, 0.3450



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.



34.6383, 0.5144, 0.3702



29.6614, 0.5662, 0.3670



66.1824, 0.4373, 0.4529



17.9431, 0.3288, 0.3351



12.8970, 0.6069, 0.3563



1.3567, 0.5840, 0.3745

Inverse Universe

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



53.1126, 0.2182, 0.2710



49.2174, 0.2080, 0.2577



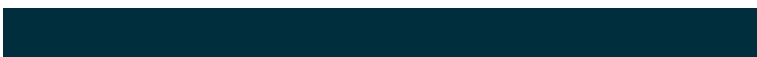
21.7662, 0.1885, 0.1515



18.8166, 0.2980, 0.3228



22.6132, 0.2012, 0.2442



2.2637, 0.2043, 0.2555

Previews

White Background



This preview shows how the Yxy color 34.6364, 0.5144, 0.3702 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 34.6364, 0.5144, 0.3702 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 34.6364, 0.5144, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 34.6364, 0.5144, 0.3702.



This preview shows how white text looks on a background with the Yxy color 34.6364, 0.5144, 0.3702.

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

34.6364, 0.5144, 0.3702

Protanopia

34.6148, 0.3946, 0.4290

Deuteranopia

34.8796, 0.4403, 0.4319



Tritanopia

34.5106, 0.4696, 0.3215

Trichromacy



Original Color

34.6364, 0.5144, 0.3702



Protanomaly

33.5718, 0.4395, 0.4063



Deuteranomaly

34.1165, 0.4693, 0.4061



Tritanomaly

34.3933, 0.4877, 0.3402

Monochromacy



Original Color

34.6364, 0.5144, 0.3702



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

31.7738, 0.3842, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6364, 0.5144, 0.3702 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(252, 120, 75)` looks like.

```
.text, #text, p{  
    color:rgb(252, 120, 75)  
}
```

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(252, 120, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 120, 75) }
```

Border

The CSS property to change the border of an element to Yxy 34.6364, 0.5144, 0.3702 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(252, 120, 75) }
```

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

```
.border{ border-color:rgb(252, 120, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 120, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 120, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 120, 75);  
box-shadow:4px 4px 4px 4px rgb(252, 120,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6364, 0.5144, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 120, 75) }
```

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

```
.background{ background-color: rgb(252,  
120, 75) }
```

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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