

Converting Colors

Yxy(34.4030, 0.5199, 0.3664)

Have a look what the booklet for
Yxy(34.4030, 0.5199, 0.3664)
contains.

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Color

Yxy(34.4906, 0.5194, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	FF754B
RGB	255, 117, 75
RGB Percent	100%, 46%, 29%
CMY	0.0000, 0.5412, 0.7059
CMYK	0.00, 0.54, 0.71, 0.00
HSL	14°, 100%, 65%
HSV	14°, 71%, 100%
XYZ	48.8797, 34.4906, 10.7377
YIQ	153.4740, 95.7300, 16.1940

Conversions

Conversions Part 2

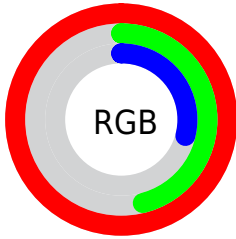
Format	Color
RYB	255, 130, 75
Decimal	16741707
CIELab	65.35, 49.94, 47.86
CIELCh	65, 69.171, 43.778
Yxy	34.4906, 0.5194, 0.3665
Android (android.graphics.Color)	4294931787 (0xFFFF754B)
YUV	153.4740, -38.6877, 89.0383
Hunter-Lab	58.7287, 45.7898, 30.2697

Details

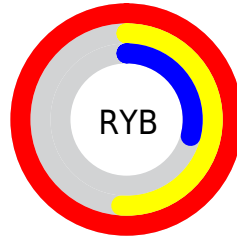
The Yxy color **34.4906, 0.5194, 0.3665** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **56.3134, 0.2192, 0.2758**, and the grayscale version is **32.2085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2457, 0.4317, 0.3778**, and **14.8406, 0.5755, 0.3602** is the 20% darker color. If you saturate the color by 10%, you get **30.1153, 0.5585, 0.3647**, and if you desaturate by 10%, it is **39.9496, 0.4788, 0.3648**.

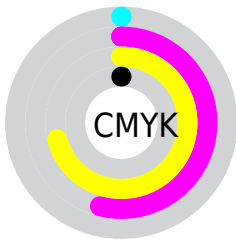
Distribution



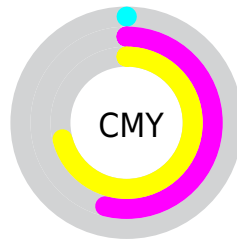
- Red (100%)
- Green (46%)
- Blue (29%)



- Red (100%)
- Yellow (51%)
- Blue (29%)



- Cyan (0%)
- Magenta (54%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4906, 0.5194, 0.3665 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 34.4906, 0.5194, 0.3665 by changing the saturation by 10% instead.


 34.4906, 0.5194,
0.3665


 34.4906, 0.5194,
0.3665


322.3141, 0.4135,
0.3575

 23.2707, 0.5446,
0.3648


 66.6959, 0.4814,
0.3660


 14.7936, 0.5754,
0.3602


 88.4501, 0.4669,
0.3650


 8.6746, 0.6128,
0.3502


 114.4845, 0.4545,
0.3638

 4.5296, 0.6660,
0.3340

 145.1836, 0.4439,
0.3625

 1.9740, 0.7095,
0.2905

 180.9317, 0.4348,
0.3611

 0.5923, 0.7860,
0.2140

222.1132, 0.4268,

 0.0000, 1.0000,

0.3599

0.0000

269.1126, 0.4197,
0.3586

■ 0.0000, 0.0000,
0.0000

■ 34.4906, 0.5194,
0.3665

■ 34.4906, 0.5194,
0.3665

■ 30.1153, 0.5585,
0.3647

■ 39.9496, 0.4788,
0.3648

■ 26.7575, 0.5916,
0.3588

■ 46.5731, 0.4404,
0.3604

■ 24.4370, 0.6142,
0.3505

■ 54.4208, 0.4061,
0.3546

■ 63.5514, 0.3766,
0.3482

■ 74.0197, 0.3517,
0.3416

 85.8773, 0.3309,
0.3353

99.1730, 0.3136,
0.3293

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.



34.4906, 0.4791, 0.2979



34.4906, 0.5194, 0.3665



34.4906, 0.4907, 0.4395

Triad

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



34.4906, 0.5194, 0.3665



34.4906, 0.2297, 0.4537



34.4906, 0.1943, 0.1781

Complementary

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



34.4906, 0.5194, 0.3665



56.3134, 0.2192, 0.2758

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.



34.4906, 0.1517, 0.1892



34.4906, 0.5194, 0.3665



34.4906, 0.1662, 0.3310

Square

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



34.4906, 0.5194, 0.3665



34.4906, 0.3216, 0.5256



34.4906, 0.1418, 0.2366



34.4906, 0.2730, 0.1957

Rectangle

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



34.4906, 0.5194, 0.3665



34.4906, 0.4444, 0.4863



34.4906, 0.1418, 0.2366



34.4906, 0.1763, 0.1784

Sweetspot

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



34.4868, 0.5194, 0.3665



73.5609, 0.3526, 0.3419



31.2502, 0.3612, 0.2010



15.1005, 0.3591, 0.3437



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.



34.4868, 0.5194, 0.3665



28.5137, 0.5741, 0.3626



64.9540, 0.4425, 0.4484



18.6745, 0.3289, 0.3346



12.9557, 0.6116, 0.3526



1.4196, 0.5902, 0.3696

Inverse Universe

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



56.3134, 0.2192, 0.2758



51.0349, 0.2092, 0.2632



23.6379, 0.1898, 0.1579



19.7208, 0.2980, 0.3233



24.5294, 0.2033, 0.2517



2.5540, 0.2060, 0.2615

Previews

White Background



This preview shows how the Yxy color 34.4906, 0.5194, 0.3665 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 34.4906, 0.5194, 0.3665 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 34.4906, 0.5194, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 34.4906, 0.5194, 0.3665.



This preview shows how white text looks on a background with the Yxy color 34.4906, 0.5194, 0.3665.

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

34.4906, 0.5194, 0.3665

Protanopia

34.6315, 0.3937, 0.4277

Deuteranopia

34.4088, 0.4409, 0.4322



Tritanopia

34.4263, 0.4736, 0.3226

Trichromacy



Original Color

34.4906, 0.5194, 0.3665

Protanomaly

33.4240, 0.4404, 0.4036

Deuteranomaly

33.8129, 0.4711, 0.4058

Tritanomaly

34.2941, 0.4919, 0.3391

Monochromacy



Original Color

34.4906, 0.5194, 0.3665

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.1840, 0.3851, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4906, 0.5194, 0.3665 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, 117, 75)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 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(255, 117, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 75) }
```

Border

The CSS property to change the border of an element to Yxy 34.4906, 0.5194, 0.3665 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, 117, 75) }
```

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

```
.border{ border-color:rgb(255, 117, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 75);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4906, 0.5194, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 75) }
```

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

```
.background{ background-color: rgb(255,  
117, 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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