

Converting Colors

XYZ(48.8373, 34.4770, 10.5593)

Have a look what the booklet for
XYZ(48.8373, 34.4770, 10.5593)
contains.

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Color

**XYZ(48.8373, 34.4770,
10.5593)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF754A |
| RGB | 255, 117, 74 |
| RGB Percent | 100%, 46%, 29% |
| CMY | 0.0000, 0.5411, 0.7098 |
| CMYK | 0.00, 0.54, 0.71, 0.00 |
| HSL | 14°, 100%, 65% |
| HSV | 14°, 71%, 100% |
| XYZ | 48.8373, 34.4770, 10.5593 |
| YIQ | 153.3600, 96.0510, 15.8830 |

Conversions

Conversions Part 2

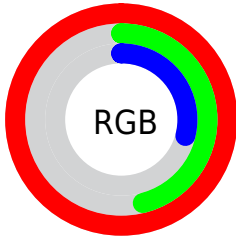
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 130, 74 |
| Decimal | 16741706 |
| CIE Lab | 65.34, 49.87, 48.35 |
| CIE LCh | 65, 69.465, 44.114 |
| Yxy | 34.4770, 0.5202, 0.3673 |
| Android (android.graphics.Color) | 4294931786 (0xFFFF754A) |
| YUV | 153.3600, -39.1245, 89.1383 |
| Hunter-Lab | 58.7171, 45.7104, 30.4397 |

Details

The XYZ color **48.8373, 34.4770, 10.5593** 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 **44.4155, 55.7588, 103.0286**, and the grayscale version is **30.5724, 32.1646, 35.0272**.

A 20% lighter version of the original color is **59.6306, 52.2203, 26.0054**, and **23.7022, 14.8361, 2.5917** is the 20% darker color. If you saturate the color by 10%, you get **46.1110, 30.1321, 6.2367**, and if you desaturate by 10%, it is **52.3835, 39.9056, 16.8721**.

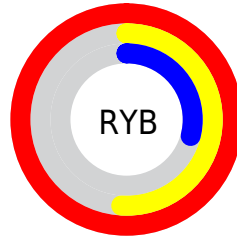
Distribution



Red (100%)

Green (46%)

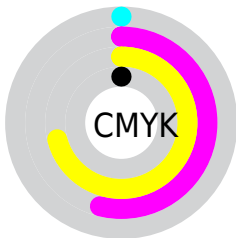
Blue (29%)



Red (100%)

Yellow (51%)

Blue (29%)

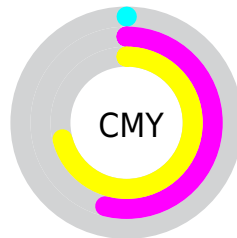


Cyan (0%)

Magenta (54%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8373, 34.4770, 10.5593 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 XYZ color 48.8373, 34.4770, 10.5593 by changing the saturation by 10% instead.


 48.8373, 34.4770,
10.5593


 48.8373, 34.4770,
10.5593


372.6290,
322.2538, 205.2463

 34.7044, 23.2603,
5.6609


 87.6519, 66.6748,
27.4664


 23.6007, 14.7858,
2.5746


 113.0644, 88.4246,
40.3122


 15.1608, 8.6692,
0.8793


 142.9675,
114.4543, 56.6442

 9.0194, 4.5261,
0.0000

 177.7265,
145.1481, 76.8809

 4.8110, 1.9720,
0.0000

 217.7068,
180.8906, 101.4410

 2.1704, 0.5911,
0.0000

263.2738,

 0.7271, 0.0000,

222.0661, 130.7429

0.0000

314.7927,
269.0591, 165.2051

■ 0.0000, 0.0000,
0.0000

■ 48.8373, 34.4770,
10.5593

■ 48.8373, 34.4770,
10.5593

■ 46.1110, 30.1321,
6.2367

■ 52.3835, 39.9056,
16.8721

■ 44.1278, 26.7886,
3.6556


■ 56.8115, 46.4807,
25.3799


■ 42.8867, 24.5538,
2.4790

■ 62.1797, 54.2671,
36.2636

■ 68.5404, 63.3226,
49.6850

■ 75.9419, 73.7015,
65.7912

 84.4293, 85.4546,
84.7183

 94.0450, 98.6302,
106.5931

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



55.5214, 34.4770, 25.5140



48.8373, 34.4770, 10.5593



38.3955, 34.4770, 5.3885

Triad

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



48.8373, 34.4770, 10.5593



17.3787, 34.4770, 24.2468



37.7521, 34.4770, 121.7880

Complementary

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



48.8373, 34.4770, 10.5593



44.4155, 55.7588, 103.0286

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.



27.7216, 34.4770, 120.8116



48.8373, 34.4770, 10.5593



17.2767, 34.4770, 52.8510

Square

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



48.8373, 34.4770, 10.5593



20.9951, 34.4770, 10.0439



20.6800, 34.4770, 91.2958



48.2834, 34.4770, 93.5209

Rectangle

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



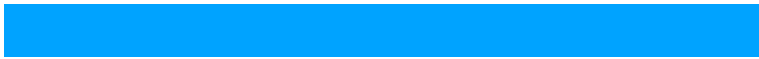
48.8373, 34.4770, 10.5593



31.3919, 34.4770, 4.8620



20.6800, 34.4770, 91.2958



34.1865, 34.4770, 125.1945

Sweetspot

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



48.8381, 34.4789, 10.5599



75.9263, 73.6796, 65.7561



55.6692, 30.9498, 65.8353



15.7912, 15.1283, 13.0638



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.8381, 34.4789, 10.5599



45.2292, 28.6722, 5.0054



64.7240, 66.2507, 15.8552



18.3597, 18.6876, 18.7837



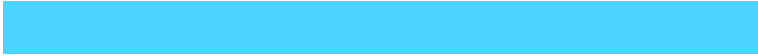
22.5042, 13.0196, 1.3269



2.2710, 1.4275, 0.1558

Inverse Universe

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



44.4155, 55.7588, 103.0286



40.3322, 50.5841, 102.2457



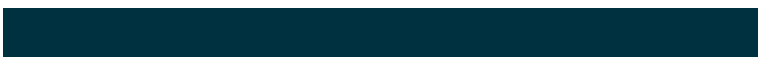
27.8665, 22.6607, 97.5123



18.1676, 19.7068, 23.0962



19.6806, 24.2708, 53.0820



2.0001, 2.5308, 5.1964

Previews

White Background



This preview shows how the XYZ color 48.8373, 34.4770, 10.5593 looks on a white background.

Color Contrast Check

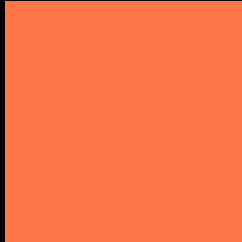
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 48.8373, 34.4770, 10.5593 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](#).

XYZ 48.8373, 34.4770, 10.5593

Background



This preview shows how black text looks on a background with the XYZ color 48.8373, 34.4770, 10.5593.



This preview shows how white text looks on a background with the XYZ color 48.8373, 34.4770,

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

48.8373, 34.4770, 10.5593

Protanopia

31.8388, 34.6148, 14.2358

Deuteranopia

35.0759, 34.3969, 9.9448



Tritanopia

50.5353, 34.4263, 21.7507

Trichromacy



Original Color

48.8373, 34.4770, 10.5593

Protanomaly

36.4364, 33.4084, 12.7117

Deuteranomaly

39.2202, 33.8003, 10.0872

Tritanomaly

49.7055, 34.2739, 16.8277

Monochromacy



Original Color

48.8373, 34.4770, 10.5593

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

34.2514, 31.1586, 23.2777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8373, 34.4770, 10.5593 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, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 74)  
}
```

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, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 74) }
```

Border

The CSS property to change the border of an element to XYZ 48.8373, 34.4770, 10.5593 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, 74) }
```


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

```
.border{ border-color:rgb(255, 117, 74) }
```

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, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8373, 34.4770, 10.5593 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, 74) }
```

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

```
.background{ background-color: rgb(255,  
117, 74) }
```

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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