

Converting Colors

XYZ(54.1789, 43.3794, 17.8294)

Have a look what the booklet for
XYZ(54.1789, 43.3794, 17.8294)
contains.

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Color

**XYZ(54.1789, 43.3794,
17.8294)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9465
RGB	255, 148, 101
RGB Percent	100%, 58%, 40%
CMY	0.0000, 0.4196, 0.6039
CMYK	0.00, 0.42, 0.60, 0.00
HSL	18°, 100%, 70%
HSV	18°, 60%, 100%
XYZ	54.1789, 43.3794, 17.8294
YIQ	174.6350, 78.8590, 8.0670

Conversions

Conversions Part 2

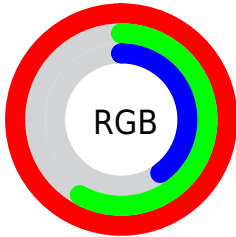
Format	Color
R_{YB}	255, 169, 101
Decimal	16749669
CIE _{Lab}	71.81, 36.07, 41.98
CIE _{LCh}	72, 55.351, 49.328
Yxy	43.3794, 0.4695, 0.3759
Android (android.graphics.Color)	4294939749 (0xFFFF9465)
YUV	174.6350, -36.3021, 70.4801
Hunter-Lab	65.8630, 31.5737, 30.0541

Details

The XYZ color **54.1789, 43.3794, 17.8294** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.9712, 55.0954, 102.8189**, and the grayscale version is **40.7131, 42.8333, 46.6455**.

A 20% lighter version of the original color is **68.3457, 66.2718, 39.3265**, and **27.0508, 20.0830, 5.6995** is the 20% darker color. If you saturate the color by 10%, you get **50.5485, 37.8176, 11.3823**, and if you desaturate by 10%, it is **58.6242, 49.9514, 26.4605**.

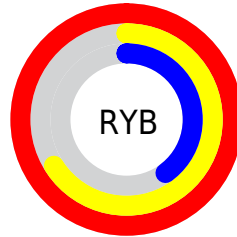
Distribution



Red (100%)

Green (58%)

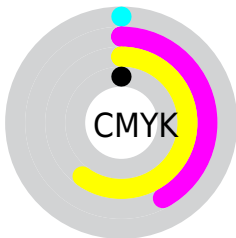
Blue (40%)



Red (100%)

Yellow (66%)

Blue (40%)

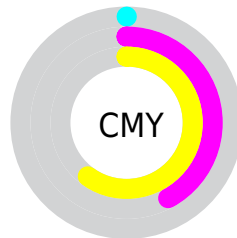


Cyan (0%)

Magenta (42%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1789, 43.3794, 17.8294 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 54.1789, 43.3794, 17.8294 by changing the saturation by 10% instead.

54.1789, 43.3794,
17.8294

54.1789, 43.3794,
17.8294

392.9791,
360.1697, 252.1114

38.9759, 30.1829,
10.6594

95.4922, 80.2831,
40.5564

26.9217, 19.9775,
5.7270

122.3333,
104.7591, 56.9505

17.6507, 12.3787,
2.6137

153.7845,
133.7636, 77.2564

10.7976, 7.0021,
0.8995

190.2111,
167.6813, 101.8926

5.9972, 3.4634,
0.0000

231.9785,
206.8963, 131.2777

2.8840, 1.3782,
0.0000

279.4521,

1.0927, 0.2006,

251.7931, 165.8301

0.0000

332.9971,
302.7561, 205.9685

■ 0.0190, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1789, 43.3794,
17.8294

■ 54.1789, 43.3794,
17.8294

■ 50.5485, 37.8176,
11.3823

■ 58.6242, 49.9514,
26.4605

■ 47.6734, 33.2058,
6.9145


■ 63.9319, 57.5758,
37.4500

■ 45.4894, 29.4868,
4.1857

■ 70.1489, 66.3006,
50.9575

■ 43.9525, 26.6853,
2.8342

■ 77.3179, 76.1686,
67.1276

 85.4786, 87.2202,
86.0941

94.6684, 99.4937,
107.9816

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



60.7638, 43.3794, 32.0776



54.1789, 43.3794, 17.8294



44.6720, 43.3794, 12.4240

Triad

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



54.1789, 43.3794, 17.8294



25.8872, 43.3794, 38.2743



47.5123, 43.3794, 114.9218

Complementary

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



54.1789, 43.3794, 17.8294



45.9712, 55.0954, 102.8189

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.



37.9710, 43.3794, 118.6219



54.1789, 43.3794, 17.8294



26.4088, 43.3794, 66.5375

Square

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



54.1789, 43.3794, 17.8294



28.9768, 43.3794, 20.8761



30.5299, 43.3794, 98.4264



56.5282, 43.3794, 89.6785

Rectangle

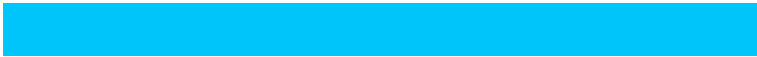
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



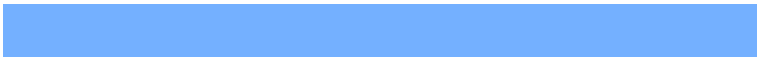
54.1789, 43.3794, 17.8294



38.3678, 43.3794, 12.3376



30.5299, 43.3794, 98.4264



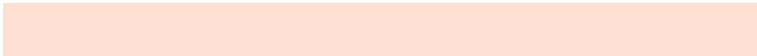
44.2329, 43.3794, 119.0120

Sweetspot

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



54.1799, 43.3816, 17.8302



79.1782, 78.7028, 71.4045



57.3775, 35.1611, 63.9546



16.4646, 16.1876, 14.1742



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.



54.1799, 43.3816, 17.8302



50.0367, 37.0131, 10.5358



70.2983, 75.6184, 23.2030



18.4615, 18.8911, 18.8177



23.0809, 14.1730, 1.5192



2.3388, 1.5631, 0.1784

Inverse Universe

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



45.9712, 55.0954, 102.8189



41.0918, 49.4025, 101.9776



31.6412, 26.4354, 98.0422



18.0595, 19.4906, 23.0602



17.8017, 20.5130, 52.4557



1.8299, 2.1905, 5.1396

Previews

White Background



This preview shows how the XYZ color 54.1789, 43.3794, 17.8294 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 54.1789, 43.3794, 17.8294 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 54.1789, 43.3794, 17.8294

Background



This preview shows how black text looks on a background with the XYZ color 54.1789, 43.3794, 17.8294.



This preview shows how white text looks on a background with the XYZ color 54.1789, 43.3794,

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

54.1789, 43.3794, 17.8294

Protanopia

40.1882, 43.4270, 21.5933

Deuteranopia

44.4792, 43.4673, 17.3550



Tritanopia

56.9630, 43.5064, 35.5323

Trichromacy



Original Color

54.1789, 43.3794, 17.8294

Protanomaly

44.3673, 42.8022, 20.1106

Deuteranomaly

47.5826, 43.1946, 17.3848

Tritanomaly

55.6685, 43.2320, 27.9648

Monochromacy



Original Color

54.1789, 43.3794, 17.8294

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.7023, 41.8858, 33.7984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1789, 43.3794, 17.8294 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, 148, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 101)  
}
```

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, 148, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 101) }
```

Border

The CSS property to change the border of an element to XYZ 54.1789, 43.3794, 17.8294 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, 148, 101) }
```


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

```
.border{ border-color:rgb(255, 148, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1789, 43.3794, 17.8294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 101) }
```

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

```
.background{ background-color: rgb(255,  
148, 101) }
```

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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