

Converting Colors

XYZ(54.5988, 45.0925, 15.2772)

Have a look what the booklet for
XYZ(54.5988, 45.0925, 15.2772)
contains.

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Color

**XYZ(54.5988, 45.0925,
15.2772)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FF9A59 |
| RGB | 255, 154, 89 |
| RGB Percent | 100%, 60%, 35% |
| CMY | 0.0000, 0.3960, 0.6510 |
| CMYK | 0.00, 0.40, 0.65, 0.00 |
| HSL | 23°, 100%, 67% |
| HSV | 23°, 65%, 100% |
| XYZ | 54.5988, 45.0925, 15.2772 |
| YIQ | 176.7890, 81.0610, 1.1970 |

Conversions

Conversions Part 2

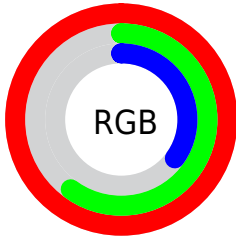
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 196, 89 |
| Decimal | 16751193 |
| CIE _{Lab} | 72.95, 32.22, 49.44 |
| CIE _{LCh} | 73, 59.015, 56.905 |
| Yxy | 45.0925, 0.4749, 0.3922 |
| Android (android.graphics.Color) | 4294941273 (0xFFFF9A59) |
| YUV | 176.7890, -43.2800, 68.5910 |
| Hunter-Lab | 67.1509, 27.6198, 33.5169 |

Details

The XYZ color **54.5988, 45.0925, 15.2772** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **40.5820, 46.1681, 101.3797**, and the grayscale version is **41.8705, 44.0510, 47.9716**.

A 20% lighter version of the original color is **68.8482, 68.7840, 34.8473**, and **27.1099, 20.9867, 4.5414** is the 20% darker color. If you saturate the color by 10%, you get **51.3105, 39.9433, 9.7820**, and if you desaturate by 10%, it is **58.5909, 51.0566, 22.8366**.

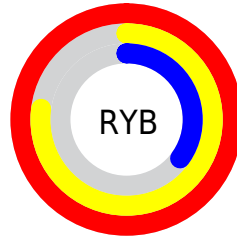
Distribution



Red (100%)

Green (60%)

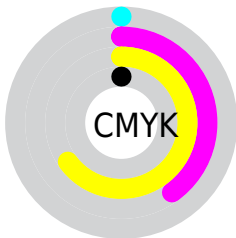
Blue (35%)



Red (100%)

Yellow (77%)

Blue (35%)

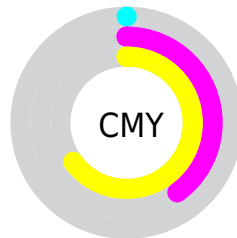


Cyan (0%)

Magenta (40%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5988, 45.0925, 15.2772 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 54.5988, 45.0925, 15.2772 by changing the saturation by 10% instead.


 54.5988, 45.0925,
15.2772


 54.5988, 45.0925,
15.2772


394.5505,
367.1481, 236.7363

 39.3132, 31.5303,
8.8654

 96.1046, 82.8592,
36.0879


 27.1853, 21.0030,
4.5579


 123.0556,
107.8325, 51.3239

 17.8497, 13.1262,
1.9361

 154.6256,
137.3782, 70.3383

 10.9412, 7.5155,
0.5156

 191.1802,
171.8809, 93.5497

 6.0943, 3.7865,
0.0000

233.0846,
211.7248, 121.3767

 2.9437, 1.5549,
0.0000

280.7042,

 1.1241, 0.3269,

257.2944, 154.2377

0.0000

334.4044,
308.9740, 192.5514

■ 0.0451, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5988, 45.0925,
15.2772

■ 54.5988, 45.0925,
15.2772

■ 51.3105, 39.9433,
9.7820

■ 58.5909, 51.0566,
22.8366

■ 48.6701, 35.5606,
6.1326


■ 63.3299, 57.8661,
32.6430


■ 46.6156, 31.9004,
4.0646

■ 68.8588, 65.5583,
44.8619

■ 45.7835, 30.3473,
3.4446

■ 75.2160, 74.1658,
59.6422

 82.4372, 83.7194,
77.1207

 90.5558, 94.2483,
97.4244

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.



63.0405, 45.0925, 27.6571



54.5988, 45.0925, 15.2772



43.9365, 45.0925, 11.4633

Triad

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



54.5988, 45.0925, 15.2772



25.9792, 45.0925, 46.1011



52.4527, 45.0925, 118.9687

Complementary

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



54.5988, 45.0925, 15.2772



40.5820, 46.1681, 101.3797

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.



41.7994, 45.0925, 130.2247



54.5988, 45.0925, 15.2772



27.5224, 45.0925, 79.4708

Square

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



54.5988, 45.0925, 15.2772



28.3254, 45.0925, 24.1972



32.9357, 45.0925, 113.5331



61.6686, 45.0925, 87.0038

Rectangle

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



54.5988, 45.0925, 15.2772



37.3580, 45.0925, 12.3842



32.9357, 45.0925, 113.5331



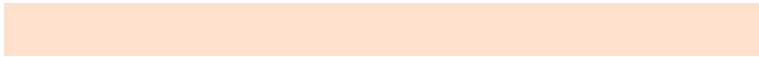
48.8753, 45.0925, 125.7427

Sweetspot

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



54.5999, 45.0948, 15.2780



78.7872, 78.9158, 68.2065



54.2567, 32.1827, 52.8545



16.4362, 16.3241, 13.5694



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.



54.5999, 45.0948, 15.2780



50.4800, 38.5940, 8.5430



72.9329, 81.7610, 21.3891



18.5928, 19.1538, 18.8614



24.0577, 16.1267, 1.8448



2.4450, 1.7754, 0.2138

Inverse Universe

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



40.5820, 46.1681, 101.3797



35.4303, 39.5512, 100.3745



27.5714, 20.1468, 97.0428



17.9228, 19.2172, 23.0146



15.7180, 16.3455, 51.7612



1.6368, 1.8043, 5.0753

Previews

White Background



This preview shows how the XYZ color 54.5988, 45.0925, 15.2772 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 54.5988, 45.0925, 15.2772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

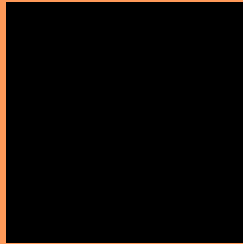
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5988, 45.0925, 15.2772

Background



This preview shows how black text looks on a background with the XYZ color 54.5988, 45.0925, 15.2772.



This preview shows how white text looks on a background with the XYZ color 54.5988, 45.0925,

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

54.5988, 45.0925, 15.2772

Protanopia

41.8146, 45.5301, 18.1396

Deuteranopia

46.3268, 45.3113, 14.8986



Tritanopia

58.0015, 44.9084, 37.9589

Trichromacy



Original Color

54.5988, 45.0925, 15.2772

Protanomaly

45.8419, 45.0121, 17.0986

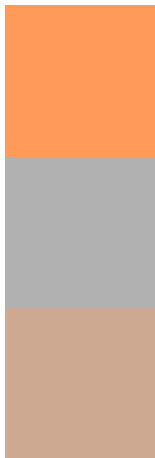
Deuteranomaly

49.0665, 45.0746, 14.9183

Tritanomaly

56.3800, 44.7661, 27.8595

Monochromacy



Original Color

54.5988, 45.0925, 15.2772

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.4756, 43.3994, 32.8209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5988, 45.0925, 15.2772 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, 154, 89)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 89)  
}
```

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, 154, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 89) }
```

Border

The CSS property to change the border of an element to XYZ 54.5988, 45.0925, 15.2772 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, 154, 89) }
```


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

```
.border{ border-color:rgb(255, 154, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5988, 45.0925, 15.2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 89) }
```

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

```
.background{ background-color: rgb(255,  
154, 89) }
```

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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