

Converting Colors

XYZ(54.3631, 45.2175, 14.7988)

Have a look what the booklet for
XYZ(54.3631, 45.2175, 14.7988)
contains.

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Color

**XYZ(54.3147, 45.2016,
14.8789)**

Conversions

Conversions Part 1

Format	Color
Hex	FE9B57
RGB	254, 155, 87
RGB Percent	100%, 61%, 34%
CMY	0.0039, 0.3921, 0.6588
CMYK	0.00, 0.39, 0.66, 0.00
HSL	24°, 99%, 67%
HSV	24°, 66%, 100%
XYZ	54.3147, 45.2016, 14.8789
YIQ	176.8490, 80.8320, -0.1600

Conversions

Conversions Part 2

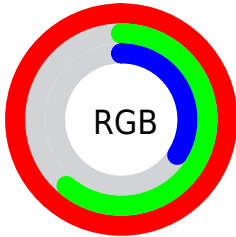
Format	Color
RYB	254, 202, 87
Decimal	16685911
CIELab	73.02, 31.19, 50.48
CIELCh	73, 59.336, 58.285
Yxy	45.2016, 0.4748, 0.3951
Android (android.graphics.Color)	4294875991 (0xFFFE9B57)
YUV	176.8490, -44.2956, 67.6614
Hunter-Lab	67.2321, 26.5482, 33.9412

Details

The XYZ color **54.3147, 45.2016, 14.8789** 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 **39.3777, 44.2975, 100.2403**, and the grayscale version is **41.9072, 44.0897, 48.0137**.

A 20% lighter version of the original color is **68.9468, 69.2173, 34.1525**, and **26.9224, 21.0405, 4.3925** is the 20% darker color. If you saturate the color by 10%, you get **51.1023, 40.1559, 9.5579**, and if you desaturate by 10%, it is **58.2066, 51.0229, 22.2274**.

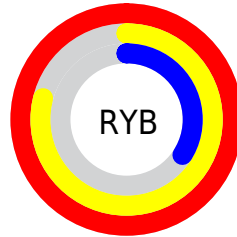
Distribution



Red (100%)

Green (61%)

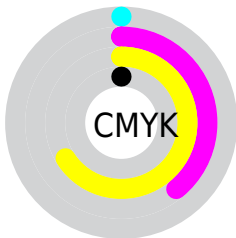
Blue (34%)



Red (100%)

Yellow (79%)

Blue (34%)

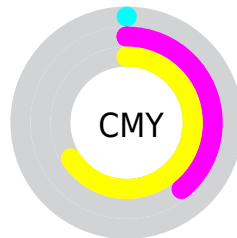


Cyan (0%)

Magenta (39%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3147, 45.2016, 14.8789 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 54.3147, 45.2016, 14.8789 by changing the saturation by 10% instead.


 54.3147, 45.2016,
14.8789


 54.3147, 45.2016,
14.8789


393.4877,
367.5894, 234.2475


 39.0850, 31.6162,
8.5888

 95.6903, 83.0229,
35.3799


 27.0069, 21.0686,
4.3808


 122.5670,
108.0275, 50.4278


 17.7150, 13.1741,
1.8365


 154.0567,
137.6075, 69.2321

 10.8440, 7.5486,
0.4519

 190.5247,
172.1470, 92.2112

 6.0286, 3.8075,
0.0000

 232.3365,
212.0306, 119.7838

 2.9033, 1.5665,
0.0000

279.8573,

 1.1028, 0.3348,

257.6426, 152.3684

0.0000

333.4526,
309.3674, 190.3834

■ 0.0275, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3147, 45.2016,
14.8789

■ 54.3147, 45.2016,
14.8789

■ 51.1023, 40.1559,
9.5579

■ 58.2066, 51.0229,
22.2274

■ 48.5146, 35.8398,
6.0461

■ 62.8201, 57.6482,
31.7859

■ 46.4905, 32.2113,
4.0777

■ 68.1970, 65.1127,
43.7189

■ 45.7664, 30.8578,
3.5440

■ 74.3748, 73.4473,
58.1746

81.3882, 82.6808,
75.2889

89.2695, 92.8410,
95.1879

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



63.0116, 45.2016, 26.8219



54.3147, 45.2016, 14.8789



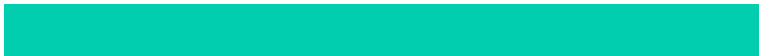
43.5620, 45.2016, 11.3700

Triad

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



54.3147, 45.2016, 14.8789



25.9620, 45.2016, 47.5282



53.1157, 45.2016, 118.5325

Complementary

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



54.3147, 45.2016, 14.8789



39.3777, 44.2975, 100.2403

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.



42.3690, 45.2016, 131.1546



54.3147, 45.2016, 14.8789



27.6936, 45.2016, 81.5209

Square

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



54.3147, 45.2016, 14.8789



28.1411, 45.2016, 24.8958



33.3142, 45.2016, 115.4896



62.2447, 45.2016, 85.7336

Rectangle

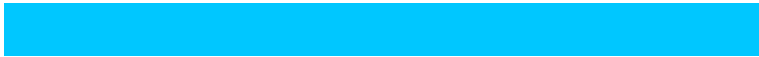
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.3147, 45.2016, 14.8789



37.0083, 45.2016, 12.4797



33.3142, 45.2016, 115.4896



49.5240, 45.2016, 125.7405

Sweetspot

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



54.3158, 45.2039, 14.8797



79.0017, 79.3449, 68.2780



53.2723, 31.4839, 50.3955



16.4873, 16.4262, 13.5864



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.



54.3158, 45.2039, 14.8797



50.6412, 39.0138, 8.2962



72.9643, 82.5009, 21.0959



18.6167, 19.2016, 18.8694



24.2648, 16.5407, 1.9138



2.4666, 1.8187, 0.2210

Inverse Universe

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



39.3777, 44.2975, 100.2403



34.4841, 37.8656, 100.0990



26.7403, 19.0227, 96.0278



17.8982, 19.1681, 23.0064



15.3779, 15.6653, 51.6478



1.6047, 1.7401, 5.0646

Previews

White Background



This preview shows how the XYZ color 54.3147, 45.2016, 14.8789 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 54.3147, 45.2016, 14.8789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

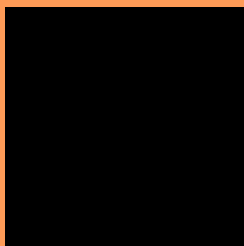
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3147, 45.2016, 14.8789

Background



This preview shows how black text looks on a background with the XYZ color 54.3147, 45.2016, 14.8789.



This preview shows how white text looks on a background with the XYZ color 54.3147, 45.2016,

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

54.3147, 45.2016, 14.8789

Protanopia

41.6755, 45.4745, 17.4074

Deuteranopia

46.2484, 45.2799, 14.4860



Tritanopia

58.2455, 45.2581, 38.4667

Trichromacy



Original Color

54.3147, 45.2016, 14.8789

Protanomaly

45.4081, 44.8040, 16.3800

Deuteranomaly

48.9871, 45.0428, 14.4997

Tritanomaly

56.5402, 45.0867, 27.9129

Monochromacy



Original Color

54.3147, 45.2016, 14.8789

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.3988, 43.3687, 32.4165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3147, 45.2016, 14.8789 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(254, 155, 87)` looks like.

```
.text, #text, p{  
    color:rgb(254, 155, 87)  
}
```

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(254, 155, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 155, 87) }
```

Border

The CSS property to change the border of an element to XYZ 54.3147, 45.2016, 14.8789 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(254, 155, 87) }
```


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

```
.border{ border-color:rgb(254, 155, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 155, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 155, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 155, 87);  
box-shadow:4px 4px 4px 4px rgb(254, 155,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3147, 45.2016, 14.8789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 155, 87) }
```

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

```
.background{ background-color: rgb(254,  
155, 87) }
```

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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