

Converting Colors

XYZ(54.9715, 45.8413, 15.3912)

Have a look what the booklet for
XYZ(54.9715, 45.8413, 15.3912)
contains.

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Color

**XYZ(54.9316, 45.7582,
15.3882)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9C59
RGB	255, 156, 89
RGB Percent	100%, 61%, 35%
CMY	0.0000, 0.3882, 0.6510
CMYK	0.00, 0.39, 0.65, 0.00
HSL	24°, 100%, 67%
HSV	24°, 65%, 100%
XYZ	54.9316, 45.7582, 15.3882
YIQ	177.9630, 80.5110, 0.1510

Conversions

Conversions Part 2

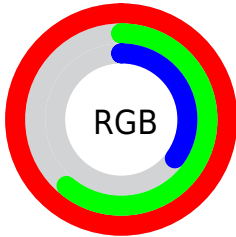
Format	Color
R _Y B	255, 201, 89
Decimal	16751705
CIE Lab	73.39, 31.19, 49.94
CIE LCh	73, 58.880, 58.014
Yxy	45.7582, 0.4732, 0.3942
Android (android.graphics.Color)	4294941785 (0xFFFF9C59)
YUV	177.9630, -43.8588, 67.5614
Hunter-Lab	67.6448, 26.5742, 33.8638

Details

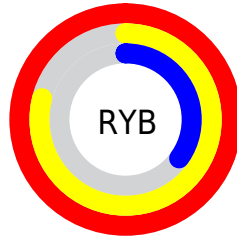
The XYZ color **54.9316, 45.7582, 15.3882** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **40.1518, 45.3077, 101.2361**, and the grayscale version is **42.4934, 44.7064, 48.6852**.

A 20% lighter version of the original color is **69.3420, 69.7716, 35.0119**, and **27.3088, 21.3846, 4.6078** is the 20% darker color. If you saturate the color by 10%, you get **51.6465, 40.6154, 9.8940**, and if you desaturate by 10%, it is **58.9090, 51.6930, 22.9427**.

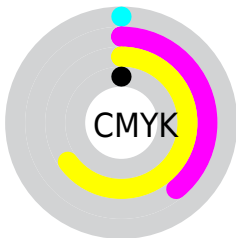
Distribution



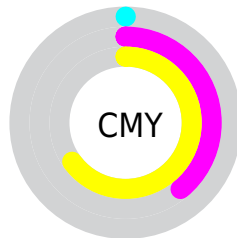
- Red (100%)
- Green (61%)
- Blue (35%)



- Red (100%)
- Yellow (79%)
- Blue (35%)



- Cyan (0%)
- Magenta (39%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9316, 45.7582, 15.3882 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 54.9316, 45.7582, 15.3882 by changing the saturation by 10% instead.


 54.9316, 45.7582,
15.3882


 54.9316, 45.7582,
15.3882


395.7932,
369.8357, 237.4252


 39.5806, 32.0551,
8.9426


 96.5896, 83.8570,
36.2847


 27.3944, 21.4036,
4.6075


 123.6274,
109.0215, 51.5726

 18.0078, 13.4193,
1.9642


 155.2914,
138.7751, 70.6452

 11.0553, 7.7179,
0.5331

 191.9471,
173.5024, 93.9208

 6.1716, 3.9150,
0.0000

233.9597,
213.5877, 121.8181

 2.9914, 1.6261,
0.0000

281.6947,

 1.1492, 0.3751,

259.4154, 154.7556

0.0000

335.5174,
311.3700, 193.1517

■ 0.0657, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9316, 45.7582,
15.3882

■ 54.9316, 45.7582,
15.3882

■ 51.6465, 40.6154,
9.8940

■ 58.9090, 51.6930,
22.9427

■ 48.9986, 36.2178,
6.2421

■ 63.6212, 58.4488,
32.7402

■ 46.9270, 32.5232,
4.1684

■ 69.1103, 66.0613,
44.9458

■ 46.0831, 30.9467,
3.5445

■ 75.4141, 74.5620,
59.7083

82.5676, 83.9802,
77.1643

90.6036, 94.3441,
97.4405

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.



63.5761, 45.7582, 27.5267



54.9316, 45.7582, 15.3882



44.1863, 45.7582, 11.7703

Triad

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



54.9316, 45.7582, 15.3882



26.4533, 45.7582, 47.8704



53.5453, 45.7582, 119.1504

Complementary

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



54.9316, 45.7582, 15.3882



40.1518, 45.3077, 101.2361

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.



42.8046, 45.7582, 131.4553



54.9316, 45.7582, 15.3882



28.1571, 45.7582, 81.7448

Square

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



54.9316, 45.7582, 15.3882



28.6773, 45.7582, 25.2832



33.7619, 45.7582, 115.6470



62.6904, 45.7582, 86.6053

Rectangle

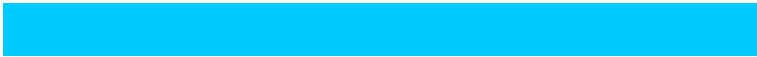
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.9316, 45.7582, 15.3882



37.6124, 45.7582, 12.8588



33.7619, 45.7582, 115.6470



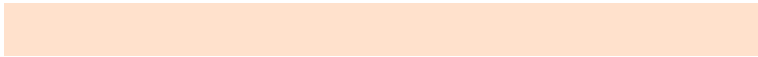
49.9540, 45.7582, 126.2461

Sweetspot

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



54.9327, 45.7606, 15.3890



78.9526, 79.2467, 68.2616



53.9542, 32.0617, 51.2618



16.4756, 16.4028, 13.5825



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.



54.9327, 45.7606, 15.3890



50.8150, 39.2639, 8.6547



73.7339, 83.3631, 21.6561



18.6112, 19.1906, 18.8676



24.2166, 16.4444, 1.8977



2.4616, 1.8086, 0.2194

Inverse Universe

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



40.1518, 45.3077, 101.2361



34.9607, 38.6121, 100.2180



27.2830, 19.5701, 96.9465



17.9038, 19.1793, 23.0083



15.4546, 15.8188, 51.6734



1.6120, 1.7546, 5.0670

Previews

White Background



This preview shows how the XYZ color 54.9316, 45.7582, 15.3882 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 54.9316, 45.7582, 15.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

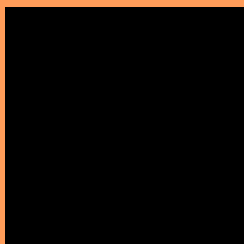
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9316, 45.7582, 15.3882

Background



This preview shows how black text looks on a background with the XYZ color 54.9316, 45.7582, 15.3882.



This preview shows how white text looks on a background with the XYZ color 54.9316, 45.7582,

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

54.9316, 45.7582, 15.3882

Protanopia

42.2347, 46.0529, 17.9724

Deuteranopia

46.8236, 45.8489, 14.9762



Tritanopia

58.4915, 45.6108, 38.9786

Trichromacy



Original Color

54.9316, 45.7582, 15.3882

Protanomaly

45.9863, 45.3733, 16.9239

Deuteranomaly

49.5769, 45.6065, 14.9940

Tritanomaly

56.7713, 45.4377, 28.3324

Monochromacy



Original Color

54.9316, 45.7582, 15.3882

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.0166, 43.9466, 33.3040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9316, 45.7582, 15.3882 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, 156, 89)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 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, 156, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 89) }
```

Border

The CSS property to change the border of an element to XYZ 54.9316, 45.7582, 15.3882 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, 156, 89) }
```


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

```
.border{ border-color:rgb(255, 156, 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, 156, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9316, 45.7582, 15.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 89) }
```

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

```
.background{ background-color: rgb(255,  
156, 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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