

Converting Colors

XYZ(55.3454, 45.3911, 19.2089)

Have a look what the booklet for
XYZ(55.3454, 45.3911, 19.2089)
contains.

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Color

**XYZ(55.3454, 45.3911,
19.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9A69
RGB	255, 154, 105
RGB Percent	100%, 60%, 41%
CMY	0.0000, 0.3961, 0.5882
CMYK	0.00, 0.40, 0.59, 0.00
HSL	20°, 100%, 71%
HSV	20°, 59%, 100%
XYZ	55.3454, 45.3911, 19.2089
YIQ	178.6130, 75.9250, 6.1730

Conversions

Conversions Part 2

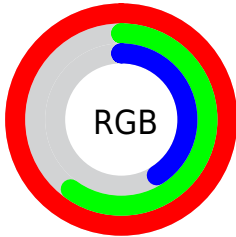
Format	Color
R_{YB}	255, 178, 105
Decimal	16751209
CIE _{Lab}	73.15, 33.27, 41.53
CIE _{LCh}	73, 53.214, 51.308
Yxy	45.3911, 0.4614, 0.3784
Android (android.graphics.Color)	4294941289 (0xFFFF9A69)
YUV	178.6130, -36.2912, 66.9914
Hunter-Lab	67.3729, 28.7313, 30.2567

Details

The XYZ color **55.3454, 45.3911, 19.2089** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.9456, 54.3630, 102.6788**, and the grayscale version is **42.8015, 45.0305, 49.0383**.

A 20% lighter version of the original color is **70.1263, 69.2952, 41.5776**, and **27.7133, 21.2576, 6.3839** is the 20% darker color. If you saturate the color by 10%, you get **51.5921, 39.6771, 12.4325**, and if you desaturate by 10%, it is **59.8990, 52.0775, 28.1909**.

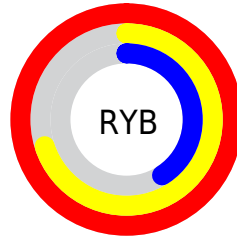
Distribution



Red (100%)

Green (60%)

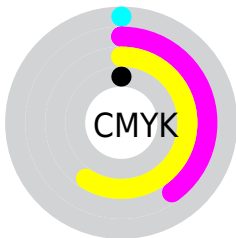
Blue (41%)



Red (100%)

Yellow (70%)

Blue (41%)

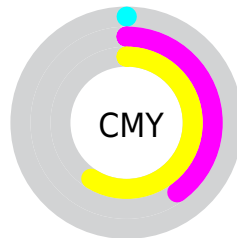


Cyan (0%)

Magenta (40%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3454, 45.3911, 19.2089 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 55.3454, 45.3911, 19.2089 by changing the saturation by 10% instead.


 55.3454, 45.3911,
19.2089

 55.3454, 45.3911,
19.2089


397.3350,
368.3552, 260.0606


 39.9133, 31.7656,
11.6430


 97.1922, 83.3070,
42.9282


 27.6548, 21.1825,
6.3815


 124.3376,
108.3662, 59.9186

 18.2048, 13.2575,
3.0059


 156.1181,
138.0053, 80.8877

 11.1977, 7.6061,
1.0976

 192.8991,
172.6089, 106.2538

 6.2682, 3.8439,
0.0000

235.0459,
212.5613, 136.4357

 3.0511, 1.5867,
0.0000

282.9240,

 1.1808, 0.3486,

258.2469, 171.8517

0.0000

336.8986,
310.0501, 212.9205

■ 0.0911, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3454, 45.3911,
19.2089

■ 55.3454, 45.3911,
19.2089

■ 51.5921, 39.6771,
12.4325

■ 59.8990, 52.0775,
28.1909

■ 48.5825, 34.8798,
7.6621

■ 65.2977, 59.7743,
39.5491

■ 46.2562, 30.9476,
4.6659

■ 71.5863, 68.5256,
53.4400

■ 44.5309, 27.8158,
3.1081

■ 78.8054, 78.3709,
70.0059

■ 44.3569, 27.4941,
2.9690

■ 86.9931, 89.3475,
89.3785

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.



62.0882, 45.3911, 33.0181



55.3454, 45.3911, 19.2089



45.9085, 45.3911, 14.0654

Triad

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



55.3454, 45.3911, 19.2089



27.7398, 45.3911, 42.0649



49.9894, 45.3911, 114.3291

Complementary

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



55.3454, 45.3911, 19.2089



45.9456, 54.3630, 102.6788

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.



40.4906, 45.3911, 119.5123



55.3454, 45.3911, 19.2089



28.5062, 45.3911, 70.5218

Square

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



55.3454, 45.3911, 19.2089



30.6107, 45.3911, 23.7780



32.8803, 45.3911, 101.2908



58.6993, 45.3911, 88.9580

Rectangle

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



55.3454, 45.3911, 19.2089



39.7228, 45.3911, 14.2422



32.8803, 45.3911, 101.2908



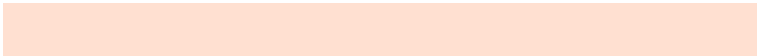
46.7538, 45.3911, 118.7804

Sweetspot

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



55.3465, 45.3934, 19.2097



79.4425, 79.2313, 71.4926



57.6153, 35.8929, 63.2439



16.5283, 16.3151, 14.1955



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.



55.3465, 45.3934, 19.2097



50.8757, 38.5564, 11.2304



71.3957, 77.4919, 24.5595



18.4940, 18.9561, 18.8285



23.2978, 14.6068, 1.5915



2.3631, 1.6116, 0.1865

Inverse Universe

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



45.9456, 54.3630, 102.6788



40.5762, 48.0858, 101.7506



32.1952, 26.8621, 98.0953



18.0254, 19.4223, 23.0488



17.2511, 19.4118, 52.2722



1.7794, 2.0894, 5.1228

Previews

White Background



This preview shows how the XYZ color 55.3454, 45.3911, 19.2089 looks on a white background.

Color Contrast Check

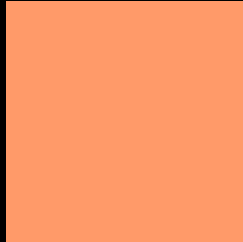
Large Text (above 18pt) WCAG AA × Fail

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 55.3454, 45.3911, 19.2089 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 55.3454, 45.3911, 19.2089

Background



This preview shows how black text looks on a background with the XYZ color 55.3454, 45.3911, 19.2089.



This preview shows how white text looks on a background with the XYZ color 55.3454, 45.3911,

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

55.3454, 45.3911, 19.2089

Protanopia

42.1807, 45.6161, 22.8013

Deuteranopia

46.6167, 45.6603, 18.6683



Tritanopia

58.2455, 45.2581, 38.4667

Trichromacy



Original Color

55.3454, 45.3911, 19.2089

Protanomaly

46.0474, 45.0252, 21.3027

Deuteranomaly

49.4577, 45.1932, 18.6868

Tritanomaly

56.9668, 45.2573, 30.1591

Monochromacy



Original Color

55.3454, 45.3911, 19.2089

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.7743, 44.2818, 35.8404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3454, 45.3911, 19.2089 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 105) }
```

Border

The CSS property to change the border of an element to XYZ 55.3454, 45.3911, 19.2089 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, 105) }
```


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

```
.border{ border-color:rgb(255, 154, 105) }
```

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, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3454, 45.3911, 19.2089 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, 105) }
```

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

```
.background{ background-color: rgb(255,  
154, 105) }
```

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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