

Converting Colors

XYZ(54.7728, 46.7039, 19.6176)

Have a look what the booklet for
XYZ(54.7728, 46.7039, 19.6176)
contains.

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Color

**XYZ(54.5449, 46.4855,
19.4624)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA069
RGB	250, 160, 105
RGB Percent	98%, 63%, 41%
CMY	0.0196, 0.3725, 0.5882
CMYK	0.00, 0.36, 0.58, 0.02
HSL	23°, 94%, 70%
HSV	23°, 58%, 98%
XYZ	54.5449, 46.4855, 19.4624
YIQ	180.6400, 71.2950, 1.9750

Conversions

Conversions Part 2

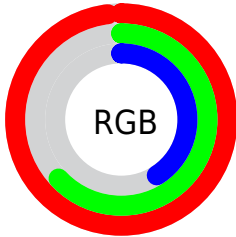
Format	Color
R _Y B	250, 194, 105
Decimal	16425065
CIE Lab	73.86, 28.18, 42.27
CIE LCh	74, 50.800, 56.310
Yxy	46.4855, 0.4527, 0.3858
Android (android.graphics.Color)	4294615145 (0xFFFAA069)
YUV	180.6400, -37.2905, 60.8287
Hunter-Lab	68.1803, 23.4863, 30.8016

Details

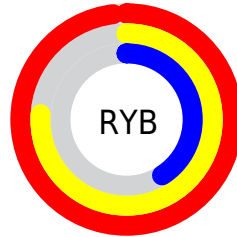
The XYZ color **54.5449, 46.4855, 19.4624** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **42.5949, 48.9331, 97.6420**, and the grayscale version is **43.8956, 46.1816, 50.2918**.

A 20% lighter version of the original color is **71.6262, 72.2952, 42.0775**, and **27.0626, 21.8295, 6.5285** is the 20% darker color. If you saturate the color by 10%, you get **50.9199, 40.9986, 12.8195**, and if you desaturate by 10%, it is **58.8855, 52.7996, 28.2075**.

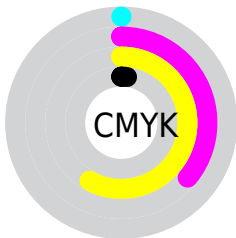
Distribution



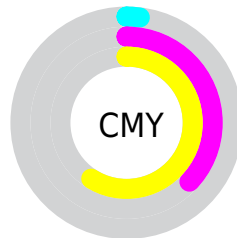
- Red (98%)
- Green (63%)
- Blue (41%)



- Red (98%)
- Yellow (76%)
- Blue (41%)



- Cyan (0%)
- Magenta (36%)
- Yellow (58%)
- Black (2%)





- Cyan (2%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5449, 46.4855, 19.4624 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 54.5449, 46.4855, 19.4624 by changing the saturation by 10% instead.


 54.5449, 46.4855,
19.4624


 54.5449, 46.4855,
19.4624


394.3490,
372.7571, 261.4970


 39.2699, 32.6291,
11.8247


 96.0261, 84.9451,
43.3611


 27.1514, 21.8425,
6.5033


 122.9629,
110.3171, 60.4591

 17.8241, 13.7412,
3.0798


 154.5177,
140.2965, 81.5476

 10.9227, 7.9409,
1.1355

 191.0559,
175.2676, 107.0452

 6.0818, 4.0571,
0.0000

232.9427,
215.6148, 137.3704

 2.9360, 1.7056,
0.0000

280.5436,

 1.1200, 0.4273,

261.7225, 172.9417

0.0000

334.2239,
313.9752, 214.1777

■ 0.0418, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5449, 46.4855,
19.4624

■ 54.5449, 46.4855,
19.4624

■ 50.9199, 40.9986,
12.8195

■ 58.8855, 52.7996,
28.2075

■ 47.9607, 36.2936,
8.0922


■ 63.9800, 59.9692,
39.2142


■ 45.6149, 32.3304,
5.0647


■ 69.8677, 68.0297,
52.6295


■ 43.8138, 29.0594,
3.4434

■ 76.5840, 77.0123,
68.5871

 43.5017, 28.4791,
3.2042

 84.1619, 86.9464,
87.2106

 92.6322, 97.8600,
108.6144

 93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



61.6709, 46.4855, 31.5987



54.5449, 46.4855, 19.4624



45.3113, 46.4855, 15.4138

Triad

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



54.5449, 46.4855, 19.4624



29.0060, 46.4855, 47.4778



52.3452, 46.4855, 109.6491

Complementary

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



54.5449, 46.4855, 19.4624



42.5949, 48.9331, 97.6420

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.



43.0737, 46.4855, 118.3312



54.5449, 46.4855, 19.4624



30.3596, 46.4855, 76.0452

Square

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



54.5449, 46.4855, 19.4624



31.2392, 46.4855, 27.7158



35.2244, 46.4855, 104.3716



60.2841, 46.4855, 83.5600

Rectangle

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



54.5449, 46.4855, 19.4624



39.4784, 46.4855, 16.2902



35.2244, 46.4855, 104.3716



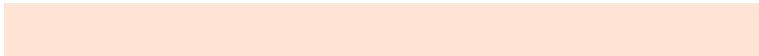
49.2474, 46.4855, 115.0149

Sweetspot

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



54.5460, 46.4879, 19.4633



80.8491, 81.5349, 73.5327



54.5348, 34.4510, 56.4988



16.9835, 17.0262, 14.9616



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.



54.5460, 46.4879, 19.4633



52.5677, 41.8003, 12.2266



70.4566, 78.3090, 24.7668



17.7842, 18.3043, 18.0581



23.2025, 15.3616, 1.7422



2.2475, 1.6199, 0.1942

Inverse Universe

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



42.5949, 48.9331, 97.6420



38.9014, 44.4390, 101.1350



30.3308, 24.4048, 93.5539



17.1804, 18.4376, 22.0386



15.5276, 16.4108, 50.3228



1.5403, 1.7243, 4.6948

Previews

White Background



This preview shows how the XYZ color 54.5449, 46.4855, 19.4624 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 54.5449, 46.4855, 19.4624 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 54.5449, 46.4855, 19.4624

Background



This preview shows how black text looks on a background with the XYZ color 54.5449, 46.4855, 19.4624.



This preview shows how white text looks on a background with the XYZ color 54.5449, 46.4855,

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

54.5449, 46.4855, 19.4624

Protanopia

42.9973, 46.6539, 22.3617

Deuteranopia

47.6585, 46.7610, 19.0843



Tritanopia

58.9651, 46.5336, 40.9960

Trichromacy



Original Color

54.5449, 46.4855, 19.4624

Protanomaly

46.5658, 46.1496, 21.2053

Deuteranomaly

49.9149, 46.5110, 19.1787

Tritanomaly

57.3544, 46.6428, 31.9666

Monochromacy



Original Color

54.5449, 46.4855, 19.4624

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.1469, 45.3089, 36.4503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5449, 46.4855, 19.4624 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(250, 160, 105)` looks like.

```
.text, #text, p{  
    color:rgb(250, 160, 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(250, 160, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 160, 105) }
```

Border

The CSS property to change the border of an element to XYZ 54.5449, 46.4855, 19.4624 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(250, 160, 105) }
```


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

```
.border{ border-color:rgb(250, 160, 105) }
```

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

Here you see how a box with a 4 pixel rgb(250, 160, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 160, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 160, 105);  
box-shadow:4px 4px 4px 4px rgb(250, 160,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5449, 46.4855, 19.4624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 160, 105) }
```

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

```
.background{ background-color: rgb(250,  
160, 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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