

Converting Colors

XYZ(53.6750, 45.5943, 19.6697)

Have a look what the booklet for
XYZ(53.6750, 45.5943, 19.6697)
contains.

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Color

**XYZ(53.5398, 45.4508,
19.5867)**

Conversions

Conversions Part 1

Format	Color
Hex	F89E6A
RGB	248, 158, 106
RGB Percent	97%, 62%, 42%
CMY	0.0275, 0.3804, 0.5843
CMYK	0.00, 0.36, 0.57, 0.03
HSL	22°, 91%, 69%
HSV	22°, 57%, 97%
XYZ	53.5398, 45.4508, 19.5867
YIQ	178.9820, 70.3320, 2.9080

Conversions

Conversions Part 2

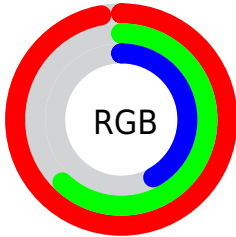
Format	Color
R _Y B	248, 188, 106
Decimal	16293482
CIE Lab	73.19, 28.51, 40.87
CIE LCh	73, 49.830, 55.106
Yxy	45.4508, 0.4515, 0.3833
Android (android.graphics.Color)	4294483562 (0xFFFF89E6A)
YUV	178.9820, -35.9801, 60.5288
Hunter-Lab	67.4172, 23.7768, 29.9665

Details

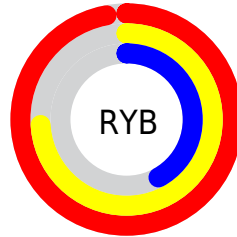
The XYZ color **53.5398, 45.4508, 19.5867** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **42.6259, 49.3189, 96.0794**, and the grayscale version is **42.9987, 45.2380, 49.2642**.

A 20% lighter version of the original color is **71.2058, 71.3171, 42.3604**, and **26.6316, 21.2948, 6.5776** is the 20% darker color. If you saturate the color by 10%, you get **49.9202, 39.9858, 12.9113**, and if you desaturate by 10%, it is **57.8774, 51.7553, 28.3416**.

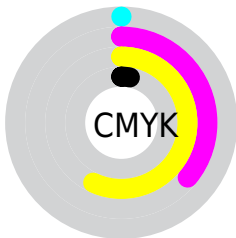
Distribution



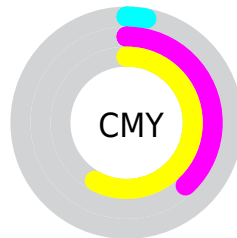
- Red (97%)
- Green (62%)
- Blue (42%)



- Red (97%)
- Yellow (74%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (57%)
- Black (3%)





- Cyan (3%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5398, 45.4508, 19.5867 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 53.5398, 45.4508, 19.5867 by changing the saturation by 10% instead.


 53.5398, 45.4508,
19.5867


 53.5398, 45.4508,
19.5867


390.5797,
368.5963, 262.1986


 38.4631, 31.8127,
11.9139


 94.5591, 83.3965,
43.5730


 26.5211, 21.2184,
6.5632

 121.2323,
108.4728, 60.7235

 17.3486, 13.2838,
3.1162


 152.5018,
138.1306, 81.8704

 10.5802, 7.6242,
1.1543

 188.7328,
172.7544, 107.4322

 5.8505, 3.8555,
0.0000

230.2908,
212.7284, 137.8273

 2.7942, 1.5930,
0.0000

277.5410,

 1.0459, 0.3529,

258.4371, 173.4744

0.0000

330.8489,
310.2649, 214.7920

■ 0.0000, 0.0000,
0.0000

■ 53.5398, 45.4508,
19.5867

■ 53.5398, 45.4508,
19.5867

■ 49.9202, 39.9858,
12.9113

■ 57.8774, 51.7553,
28.3416

■ 46.9692, 35.3144,
8.1339

■ 62.9710, 58.9286,
39.3313

■ 44.6352, 31.3958,
5.0458

■ 68.8597, 67.0066,
52.6991

■ 42.8532, 28.1806,
3.3761

■ 75.5787, 76.0213,
68.5754

■ 42.4376, 27.4090,
3.0538

■ 83.1609, 86.0026,
87.0811

91.6372, 96.9795,
108.3294

92.5212, 98.6964,
108.7817

Harmonies

Analogous

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



60.2667, 45.4508, 31.7535



53.5398, 45.4508, 19.5867



44.6488, 45.4508, 15.3644

Triad

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



53.5398, 45.4508, 19.5867



28.5307, 45.4508, 45.4959



50.7263, 45.4508, 107.0875

Complementary

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



53.5398, 45.4508, 19.5867



42.6259, 49.3189, 96.0794

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.



41.7822, 45.4508, 114.5656



53.5398, 45.4508, 19.5867



29.7035, 45.4508, 72.8361

Square

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



53.5398, 45.4508, 19.5867



30.8341, 45.4508, 26.7527



34.2846, 45.4508, 100.3662



58.4949, 45.4508, 82.4277

Rectangle

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



53.5398, 45.4508, 19.5867



38.9681, 45.4508, 16.0563



34.2846, 45.4508, 100.3662



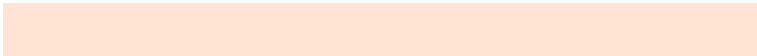
47.7269, 45.4508, 111.9831

Sweetspot

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



53.5409, 45.4531, 19.5876



80.6929, 81.2224, 73.4806



54.0932, 34.3559, 57.3882



16.9468, 16.9528, 14.9494



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.



53.5409, 45.4531, 19.5876



52.5493, 41.6176, 12.6700



68.6999, 75.7711, 24.6406



17.7651, 18.2661, 18.0518



23.0468, 15.0502, 1.6903



2.2317, 1.5882, 0.1889

Inverse Universe

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



42.6259, 49.3189, 96.0794



39.8136, 45.9545, 101.3794



30.5156, 25.0983, 92.0427



17.2001, 18.4771, 22.0452



15.8201, 16.9958, 50.4203



1.5662, 1.7761, 4.7035

Previews

White Background



This preview shows how the XYZ color 53.5398, 45.4508, 19.5867 looks on a white background.

Color Contrast Check

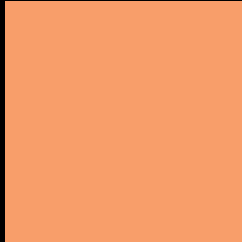
Large Text (above 18pt) WCAG AA × Fail

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 53.5398, 45.4508, 19.5867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

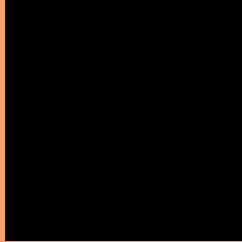
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5398, 45.4508, 19.5867

Background



This preview shows how black text looks on a background with the XYZ color 53.5398, 45.4508, 19.5867.



This preview shows how white text looks on a background with the XYZ color 53.5398, 45.4508,

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

53.5398, 45.4508, 19.5867

Protanopia

42.1235, 45.5932, 22.4998

Deuteranopia

46.4141, 45.5444, 19.1766



Tritanopia

57.7331, 45.4373, 39.9098

Trichromacy



Original Color

53.5398, 45.4508, 19.5867

Protanomaly

45.6461, 45.0998, 21.3383

Deuteranomaly

48.9505, 45.4599, 19.2914

Tritanomaly

56.2217, 45.5734, 31.4245

Monochromacy



Original Color

53.5398, 45.4508, 19.5867

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.1322, 44.2302, 35.8643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5398, 45.4508, 19.5867 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(248, 158, 106)` looks like.

```
.text, #text, p{  
    color:rgb(248, 158, 106)  
}
```

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(248, 158, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 158, 106) }
```

Border

The CSS property to change the border of an element to XYZ 53.5398, 45.4508, 19.5867 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(248, 158, 106) }
```


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

```
.border{ border-color:rgb(248, 158, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 158, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 158, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 158, 106);  
box-shadow:4px 4px 4px 4px rgb(248, 158,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5398, 45.4508, 19.5867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 158, 106) }
```

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

```
.background{ background-color: rgb(248,  
158, 106) }
```

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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