

Converting Colors

XYZ(58.0310, 50.3952, 19.5234)

Have a look what the booklet for
XYZ(58.0310, 50.3952, 19.5234)
contains.

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Color

**XYZ(57.6908, 50.2445,
19.4895)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA867
RGB	255, 168, 103
RGB Percent	100%, 66%, 40%
CMY	0.0000, 0.3411, 0.5961
CMYK	0.00, 0.34, 0.60, 0.00
HSL	26°, 100%, 70%
HSV	26°, 60%, 100%
XYZ	57.6908, 50.2445, 19.4895
YIQ	186.6030, 72.7170, -1.7710

Conversions

Conversions Part 2

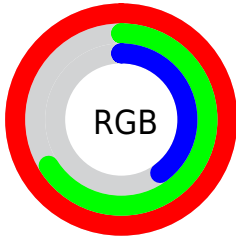
Format	Color
R_{YB}	255, 217, 103
Decimal	16754791
CIE _{Lab}	76.22, 25.85, 46.28
CIE _{LCh}	76, 53.013, 60.819
Yxy	50.2445, 0.4527, 0.3943
Android (android.graphics.Color)	4294944871 (0xFFFFA867)
YUV	186.6030, -41.2163, 59.9842
Hunter-Lab	70.8834, 21.2324, 33.3165

Details

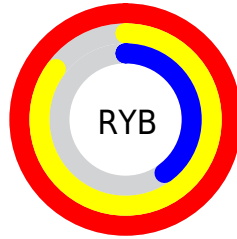
The XYZ color **57.6908, 50.2445, 19.4895** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **42.0559, 46.9282, 101.4487**, and the grayscale version is **47.2076, 49.6661, 54.0864**.

A 20% lighter version of the original color is **73.6284, 76.4357, 42.3254**, and **29.1361, 24.2172, 6.5069** is the 20% darker color. If you saturate the color by 10%, you get **54.0560, 44.7206, 12.8974**, and if you desaturate by 10%, it is **62.0206, 56.5344, 28.2391**.

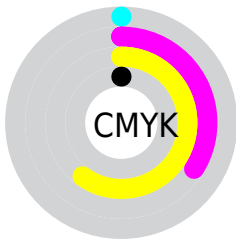
Distribution



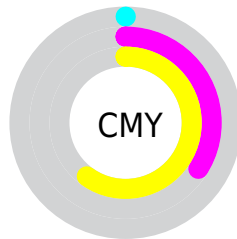
- Red (100%)
- Green (66%)
- Blue (40%)



- Red (100%)
- Yellow (85%)
- Blue (40%)



- Cyan (0%)
- Magenta (34%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6908, 50.2445, 19.4895 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 57.6908, 50.2445, 19.4895 by changing the saturation by 10% instead.

57.6908, 50.2445,
19.4895

57.6908, 50.2445,
19.4895

406.0053,
387.6213, 261.6501

41.8024, 35.6077,
11.8441

100.5980, 90.5370,
43.4073

29.1370, 24.1314,
6.5164

128.3476,
116.9616, 60.5168

19.3293, 15.4311,
3.0877

160.7815,
148.0841, 81.6180

12.0139, 9.1225,
1.1396

198.2653,
184.2891, 107.1296

6.8254, 4.8212,
0.0000

241.1642,
225.9610, 137.4701

3.3985, 2.1427,
0.0000

289.8436,

1.3678, 0.6885,

273.4840, 173.0580

0.0000

344.6688,
327.2427, 214.3118

■ 0.2331, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6908, 50.2445,
19.4895

■ 57.6908, 50.2445,
19.4895

■ 54.0560, 44.7206,
12.8974

■ 62.0206, 56.5344,
28.2391

■ 51.0660, 39.9205,
8.2630

■ 67.0834, 63.6145,
39.3158

■ 48.6677, 35.8082,
5.3536

■ 72.9184, 71.5170,
52.8754

■ 46.7813, 32.3342,
3.8043

■ 79.5604, 80.2697,
69.0591

■ 46.7144, 32.2091,
3.7549

■ 87.0423, 89.8993,
87.9976

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.



66.1160, 50.2445, 31.1886



57.6908, 50.2445, 19.4895



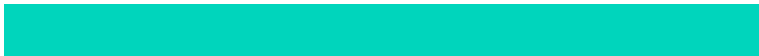
47.4832, 50.2445, 16.2061

Triad

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



57.6908, 50.2445, 19.4895



31.0852, 50.2445, 55.4939



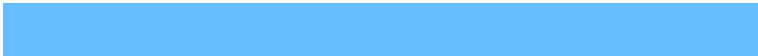
58.2292, 50.2445, 116.4422

Complementary

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



57.6908, 50.2445, 19.4895



42.0559, 46.9282, 101.4487

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.



48.0296, 50.2445, 129.6920



57.6908, 50.2445, 19.4895



33.1545, 50.2445, 87.8049

Square

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



57.6908, 50.2445, 19.4895



32.9408, 50.2445, 32.1296



39.0325, 50.2445, 117.7416



66.4559, 50.2445, 85.9603

Rectangle

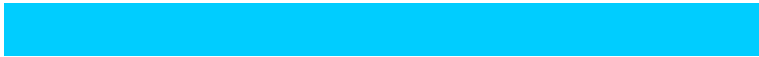
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.6908, 50.2445, 19.4895



41.2816, 50.2445, 17.8436



39.0325, 50.2445, 117.7416



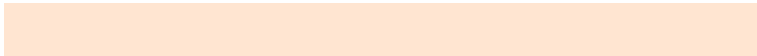
54.8740, 50.2445, 123.4524

Sweetspot

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



57.6920, 50.2470, 19.4904



80.7057, 81.7578, 71.9137



55.5678, 34.7518, 53.4551



16.8340, 16.9265, 14.2974



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.



57.6920, 50.2470, 19.4904



53.2839, 43.5074, 11.6182



75.5394, 85.9419, 25.4396



18.6481, 19.2643, 18.8799



24.5504, 17.1121, 2.0090



2.4961, 1.8777, 0.2309

Inverse Universe

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



42.0559, 46.9282, 101.4487



36.2975, 39.8138, 100.3795



29.8509, 22.5181, 97.3804



17.8662, 19.1039, 22.9957



14.9491, 14.8078, 51.5049



1.5640, 1.6587, 5.0510

Previews

White Background



This preview shows how the XYZ color 57.6908, 50.2445, 19.4895 looks on a white background.

Color Contrast Check

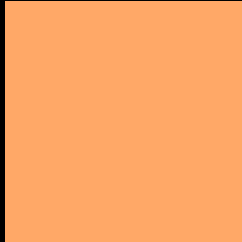
Large Text (above 18pt) WCAG AA × Fail

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 57.6908, 50.2445, 19.4895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

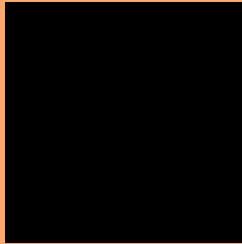
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6908, 50.2445, 19.4895

Background



This preview shows how black text looks on a background with the XYZ color 57.6908, 50.2445, 19.4895.



This preview shows how white text looks on a background with the XYZ color 57.6908, 50.2445,

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

57.6908, 50.2445, 19.4895

Protanopia

46.2513, 50.2140, 22.0064

Deuteranopia

51.5765, 50.5515, 19.0956



Tritanopia

61.7032, 50.1178, 45.9568

Trichromacy



Original Color

57.6908, 50.2445, 19.4895

Protanomaly

49.9182, 49.9566, 20.9215

Deuteranomaly

53.8095, 50.5155, 19.2263

Tritanomaly

59.8608, 49.9490, 34.5031

Monochromacy



Original Color

57.6908, 50.2445, 19.4895

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.4734, 49.0399, 38.3106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6908, 50.2445, 19.4895 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, 168, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 103)  
}
```

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, 168, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 103) }
```

Border

The CSS property to change the border of an element to XYZ 57.6908, 50.2445, 19.4895 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, 168, 103) }
```


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

```
.border{ border-color:rgb(255, 168, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6908, 50.2445, 19.4895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 103) }
```

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

```
.background{ background-color: rgb(255,  
168, 103) }
```

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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