

Converting Colors

XYZ(57.3490, 49.9894, 18.0544)

Have a look what the booklet for
XYZ(57.3490, 49.9894, 18.0544)
contains.

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Color

**XYZ(57.4003, 50.1283,
17.9597)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA861
RGB	255, 168, 97
RGB Percent	100%, 66%, 38%
CMY	0.0000, 0.3411, 0.6196
CMYK	0.00, 0.34, 0.62, 0.00
HSL	27°, 100%, 69%
HSV	27°, 62%, 100%
XYZ	57.4003, 50.1283, 17.9597
YIQ	185.9190, 74.6430, -3.6370

Conversions

Conversions Part 2

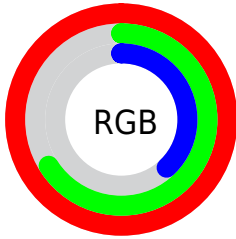
Format	Color
R_{YB}	255, 226, 97
Decimal	16754785
CIE _{Lab}	76.15, 25.44, 49.19
CIE _{LCh}	76, 55.382, 62.652
Yxy	50.1283, 0.4574, 0.3995
Android (android.graphics.Color)	4294944865 (0xFFFFA861)
YUV	185.9190, -43.8371, 60.5840
Hunter-Lab	70.8013, 20.8118, 34.5212

Details

The XYZ color **57.4003, 50.1283, 17.9597** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **40.1193, 44.0403, 100.9934**, and the grayscale version is **46.8364, 49.2756, 53.6611**.

A 20% lighter version of the original color is **73.0525, 76.2053, 39.2926**, and **29.0066, 24.1654, 5.8249** is the 20% darker color. If you saturate the color by 10%, you get **53.9434, 44.8215, 11.8544**, and if you desaturate by 10%, it is **61.5214, 56.1527, 26.1719**.

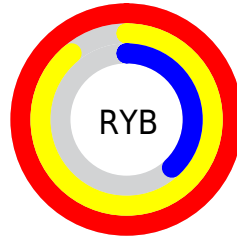
Distribution



Red (100%)

Green (66%)

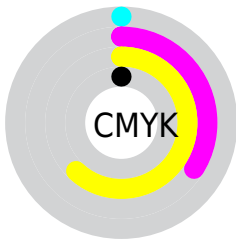
Blue (38%)



Red (100%)

Yellow (89%)

Blue (38%)

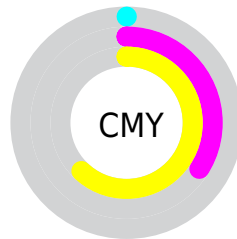


Cyan (0%)

Magenta (34%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4003, 50.1283, 17.9597 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 57.4003, 50.1283, 17.9597 by changing the saturation by 10% instead.


 57.4003, 50.1283,
17.9597


 57.4003, 50.1283,
17.9597


404.9376,
387.1675, 252.8723

 41.5681, 35.5154,
10.7519


 100.1770, 90.3649,
40.7817


 28.9529, 24.0601,
5.7882


 127.8523,
116.7574, 57.2329

 19.1893, 15.3782,
2.6500


 160.2059,
147.8452, 77.6024

 11.9119, 9.0853,
0.9181

 197.6033,
184.0127, 102.3087

 6.7555, 4.7968,
0.0000

240.4098,
225.6443, 131.7702

 3.3546, 2.1286,
0.0000

288.9908,

 1.3440, 0.6806,

273.1243, 166.4057

0.0000

343.7116,
326.8373, 206.6335

■ 0.2158, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4003, 50.1283,
17.9597

■ 57.4003, 50.1283,
17.9597

■ 53.9434, 44.8215,
11.8544

■ 61.5214, 56.1527,
26.1719

■ 51.1003, 40.1919,
7.6495

■ 66.3449, 62.9173,
36.6654

■ 48.8169, 36.2049,
5.1008

■ 71.9094, 70.4526,
49.5990

■ 47.3248, 33.4299,
3.9583

■ 78.2495, 78.7849,
65.1169

85.3976, 87.9391,
83.3515

93.3837, 97.9387,
104.4263

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.



66.4731, 50.1283, 29.2142



57.4003, 50.1283, 17.9597



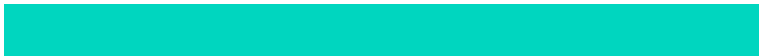
46.7293, 50.1283, 15.1134

Triad

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



57.4003, 50.1283, 17.9597



30.3808, 50.1283, 57.2649



59.2277, 50.1283, 118.1242

Complementary

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



57.4003, 50.1283, 17.9597



40.1193, 44.0403, 100.9934

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.



48.5735, 50.1283, 133.7573



57.4003, 50.1283, 17.9597



32.7578, 50.1283, 91.5320

Square

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



57.4003, 50.1283, 17.9597



32.0448, 50.1283, 32.3345



39.0636, 50.1283, 122.5980



67.6311, 50.1283, 85.2261

Rectangle

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



57.4003, 50.1283, 17.9597



40.3745, 50.1283, 17.0340



39.0636, 50.1283, 122.5980



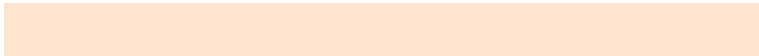
55.7408, 50.1283, 126.0195

Sweetspot

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



57.4015, 50.1308, 17.9606



80.2801, 81.4081, 70.2256



54.4345, 33.3776, 50.3261



16.7631, 16.8819, 13.9737



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.



57.4015, 50.1308, 17.9606



53.3154, 43.8232, 10.8494



75.8887, 87.1053, 24.1231



18.6815, 19.3312, 18.8910



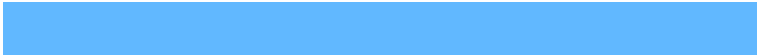
24.8725, 17.7562, 2.1164



2.5290, 1.9433, 0.2418

Inverse Universe

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



40.1193, 44.0403, 100.9934



34.7288, 37.2122, 99.9600



28.2936, 20.3889, 97.0515



17.8322, 19.0360, 22.9844



14.5138, 13.9372, 51.3598



1.5223, 1.5753, 5.0371

Previews

White Background



This preview shows how the XYZ color 57.4003, 50.1283, 17.9597 looks on a white background.

Color Contrast Check

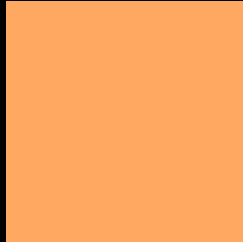
Large Text (above 18pt) WCAG AA × Fail

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 57.4003, 50.1283, 17.9597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

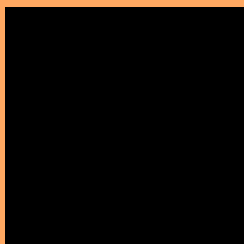
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4003, 50.1283, 17.9597

Background



This preview shows how black text looks on a background with the XYZ color 57.4003, 50.1283, 17.9597.



This preview shows how white text looks on a background with the XYZ color 57.4003, 50.1283,

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

57.4003, 50.1283, 17.9597

Protanopia

46.2140, 50.2313, 20.3566

Deuteranopia

51.0955, 50.0373, 17.5548



Tritanopia

61.7032, 50.1178, 45.9568

Trichromacy



Original Color

57.4003, 50.1283, 17.9597

Protanomaly

49.6133, 49.8346, 19.3161

Deuteranomaly

53.3307, 50.0114, 17.6688

Tritanomaly

59.6263, 49.8553, 33.2684

Monochromacy



Original Color

57.4003, 50.1283, 17.9597

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.8168, 48.4222, 37.3453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4003, 50.1283, 17.9597 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 97) }
```

Border

The CSS property to change the border of an element to XYZ 57.4003, 50.1283, 17.9597 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, 97) }
```


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

```
.border{ border-color:rgb(255, 168, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4003, 50.1283, 17.9597 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, 97) }
```

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

```
.background{ background-color: rgb(255,  
168, 97) }
```

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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