

Converting Colors

XYZ(57.0876, 50.0501, 26.7318)

Have a look what the booklet for
XYZ(57.0876, 50.0501, 26.7318)
contains.

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Color

**XYZ(57.0857, 50.0480,
26.7302)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A97F
RGB	249, 169, 127
RGB Percent	98%, 66%, 50%
CMY	0.0235, 0.3372, 0.5020
CMYK	0.00, 0.32, 0.49, 0.02
HSL	21°, 91%, 74%
HSV	21°, 49%, 98%
XYZ	57.0857, 50.0480, 26.7302
YIQ	188.1320, 61.1620, 3.8980

Conversions

Conversions Part 2

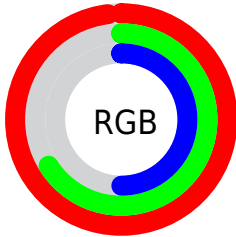
Format	Color
R_{YB}	249, 191, 127
Decimal	16361855
CIE _{Lab}	76.10, 24.88, 33.56
CIE _{LCh}	76, 41.777, 53.448
Yxy	50.0480, 0.4264, 0.3739
Android (android.graphics.Color)	4294551935 (0xFFFF9A97F)
YUV	188.1320, -30.1381, 53.3812
Hunter-Lab	70.7446, 20.2333, 27.1190

Details

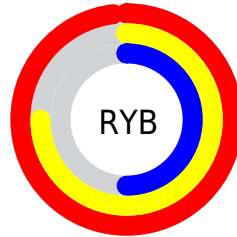
The XYZ color **57.0857, 50.0480, 26.7302** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.1631, 55.9748, 97.8881**, and the grayscale version is **48.0177, 50.5184, 55.0145**.

A 20% lighter version of the original color is **76.4034, 78.4057, 54.2869**, and **28.8202, 23.9738, 10.1296** is the 20% darker color. If you saturate the color by 10%, you get **52.8091, 43.7789, 18.2637**, and if you desaturate by 10%, it is **62.1451, 57.2411, 37.4368**.

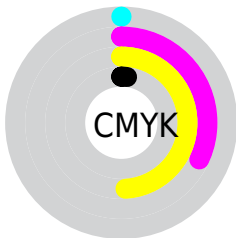
Distribution



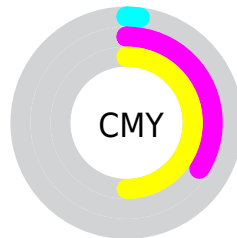
- Red (98%)
- Green (66%)
- Blue (50%)



- Red (98%)
- Yellow (75%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (49%)
- Black (2%)





- Cyan (2%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0857, 50.0480, 26.7302 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 57.0857, 50.0480, 26.7302 by changing the saturation by 10% instead.


 57.0857, 50.0480,
26.7302


 57.0857, 50.0480,
26.7302


403.7794,
386.8536, 300.0671

 41.3145, 35.4515,
17.1401


 99.7209, 90.2460,
55.4491

 28.7536, 24.0109,
10.1714


 127.3155,
116.6163, 75.4149

 19.0379, 15.3417,
5.4056


 159.5820,
147.6800, 99.6764

 11.8018, 9.0596,
2.4243

196.8856,
183.8216, 128.6520

 6.6801, 4.7801,
0.7996

239.5918,
225.4253, 162.7604

 3.3074, 2.1188,
0.0000

288.0660,

 1.3183, 0.6752,

272.8756, 202.4200

0.0000

342.6734,
326.5569, 248.0494

■ 0.1969, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0857, 50.0480,
26.7302

■ 57.0857, 50.0480,
26.7302

■ 52.8091, 43.7789,
18.2637

■ 62.1451, 57.2411,
37.4368

■ 49.2675, 38.3864,
11.8712

■ 68.0238, 65.3878,
50.5273

■ 46.4132, 33.8297,
7.3681

■ 74.7602, 74.5258,
66.1367

■ 44.1895, 30.0610,
4.5348

■ 82.3892, 84.6881,
84.3892

■ 42.5190, 27.0222,
3.0466

■ 90.9435, 95.9062,
105.4004

■ 42.3733, 26.7527,
2.9305

■ 92.8768, 98.8797,
108.7983

Harmonies

Analogous

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



62.7204, 50.0480, 39.1083



57.0857, 50.0480, 26.7302



49.3036, 50.0480, 21.9591

Triad

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



57.0857, 50.0480, 26.7302



34.1545, 50.0480, 49.7315



53.7988, 50.0480, 104.2441

Complementary

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



57.0857, 50.0480, 26.7302



48.1631, 55.9748, 97.8881

Split Complementary

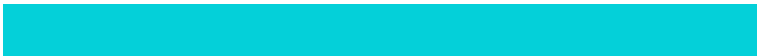
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.8758, 50.0480, 109.3660



57.0857, 50.0480, 26.7302



35.0784, 50.0480, 73.4626

Square

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



57.0857, 50.0480, 26.7302



36.4959, 50.0480, 32.6821



39.1737, 50.0480, 96.8622



60.6822, 50.0480, 84.3328

Rectangle

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



57.0857, 50.0480, 26.7302



44.1613, 50.0480, 22.4528



39.1737, 50.0480, 96.8622



51.1479, 50.0480, 107.9430

Sweetspot

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



57.0869, 50.0505, 26.7312



82.0064, 82.8058, 77.1362



58.0827, 39.8894, 64.5282



17.1979, 17.2495, 15.6667



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.



57.0869, 50.0505, 26.7312



55.7142, 46.1657, 19.2181



70.8249, 77.5264, 31.3105



17.7332, 18.2023, 18.0411



22.8006, 14.5578, 1.6082



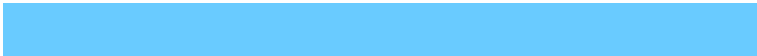
2.2063, 1.5374, 0.1805

Inverse Universe

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



48.1631, 55.9748, 97.8881



45.2259, 53.0019, 102.4545



36.3374, 32.3234, 93.9462



17.2333, 18.5434, 22.0562



16.3265, 18.0086, 50.5891



1.6108, 1.8653, 4.7183

Previews

White Background



This preview shows how the XYZ color 57.0857, 50.0480, 26.7302 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 57.0857, 50.0480, 26.7302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

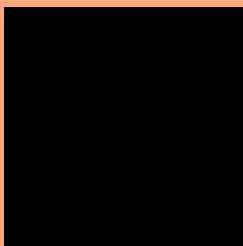
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0857, 50.0480, 26.7302

Background



This preview shows how black text looks on a background with the XYZ color 57.0857, 50.0480, 26.7302.



This preview shows how white text looks on a background with the XYZ color 57.0857, 50.0480,

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

57.0857, 50.0480, 26.7302

Protanopia

46.7135, 50.2723, 30.1631

Deuteranopia

51.3870, 50.2919, 26.4010



Tritanopia

61.3431, 50.1722, 47.0085

Trichromacy



Original Color

57.0857, 50.0480, 26.7302

Protanomaly

49.9021, 49.7738, 28.8070

Deuteranomaly

53.2229, 50.0495, 26.5940

Tritanomaly

59.7716, 50.0743, 38.8628

Monochromacy



Original Color

57.0857, 50.0480, 26.7302

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.9852, 49.5026, 42.9968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0857, 50.0480, 26.7302 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(249, 169, 127)` looks like.

```
.text, #text, p{  
    color:rgb(249, 169, 127)  
}
```

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(249, 169, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 169, 127) }
```

Border

The CSS property to change the border of an element to XYZ 57.0857, 50.0480, 26.7302 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(249, 169, 127) }
```


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

```
.border{ border-color:rgb(249, 169, 127) }
```

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

Here you see how a box with a 4 pixel rgb(249, 169, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 169, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 169, 127);  
box-shadow:4px 4px 4px 4px rgb(249, 169,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0857, 50.0480, 26.7302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 169, 127) }
```

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

```
.background{ background-color: rgb(249,  
169, 127) }
```

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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