

Converting Colors

XYZ(57.9262, 48.6070, 26.0677)

Have a look what the booklet for
XYZ(57.9262, 48.6070, 26.0677)
contains.

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Color

**XYZ(57.9262, 48.6070,
26.0677)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA27E
RGB	255, 162, 126
RGB Percent	100%, 64%, 49%
CMY	0.0000, 0.3647, 0.5059
CMYK	0.00, 0.36, 0.51, 0.00
HSL	17°, 100%, 75%
HSV	17°, 51%, 100%
XYZ	57.9262, 48.6070, 26.0677
YIQ	185.7030, 66.9840, 8.5200

Conversions

Conversions Part 2

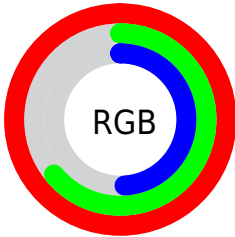
Format	Color
R _Y B	255, 176, 126
Decimal	16753278
CIE Lab	75.21, 30.79, 33.06
CIE LCh	75, 45.179, 47.042
Yxy	48.6070, 0.4368, 0.3666
Android (android.graphics.Color)	4294943358 (0xFFFFA27E)
YUV	185.7030, -29.4336, 60.7735
Hunter-Lab	69.7187, 26.3000, 26.6347

Details

The XYZ color **57.9262, 48.6070, 26.0677** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.9843, 62.3156, 103.8956**, and the grayscale version is **46.6403, 49.0692, 53.4364**.

A 20% lighter version of the original color is **74.1895, 74.1404, 53.0481**, and **29.2788, 23.0612, 9.7456** is the 20% darker color. If you saturate the color by 10%, you get **53.4809, 42.0227, 17.4767**, and if you desaturate by 10%, it is **63.2666, 56.3106, 37.0267**.

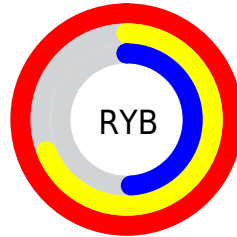
Distribution



Red (100%)

Green (64%)

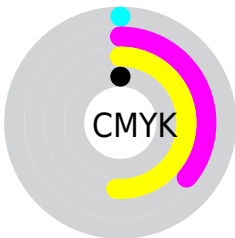
Blue (49%)



Red (100%)

Yellow (69%)

Blue (49%)

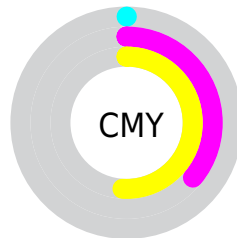


Cyan (0%)

Magenta (36%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9262, 48.6070, 26.0677 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 57.9262, 48.6070, 26.0677 by changing the saturation by 10% instead.


 57.9262, 48.6070,
26.0677

 57.9262, 48.6070,
26.0677


406.8692,
381.1931, 296.7303


 41.9924, 34.3078,
16.6481

 100.9390, 88.1075,
54.3696

 29.2864, 23.1302,
9.8246


 128.7486,
114.0776, 74.0889

 19.4429, 14.6897,
5.1787


 161.2475,
144.7068, 98.0785

 12.0967, 8.6019,
2.2919

198.8011,
180.3795, 126.7570

 6.8822, 4.4824,
0.7267

241.7747,
221.4801, 160.5429

 3.4342, 1.9469,
0.0000

290.5337,

 1.3873, 0.5764,

268.3929, 199.8547

0.0000

345.4434,
321.5025, 245.1110

■ 0.2472, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9262, 48.6070,
26.0677

■ 57.9262, 48.6070,
26.0677

■ 53.4809, 42.0227,
17.4767

■ 63.2666, 56.3106,
37.0267

■ 49.8742, 36.4965,
11.0728

■ 69.5468, 65.1763,
50.5105

■ 47.0479, 31.9720,
6.6531

■ 76.8127, 75.2534,
66.6657

■ 44.9337, 28.3839,
3.9746

■ 85.1059, 86.5860,
85.6270

■ 43.5042, 25.7886,
2.6848

94.4657, 99.2163,
107.5195

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.



63.1628, 48.6070, 40.6500



57.9262, 48.6070, 26.0677



49.8641, 48.6070, 19.7549

Triad

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



57.9262, 48.6070, 26.0677



32.3506, 48.6070, 43.3405



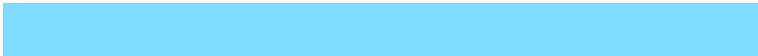
51.0265, 48.6070, 109.6160

Complementary

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



57.9262, 48.6070, 26.0677



51.9843, 62.3156, 103.8956

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.



42.7190, 48.6070, 110.9886



57.9262, 48.6070, 26.0677



32.5828, 48.6070, 67.4509

Square

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



57.9262, 48.6070, 26.0677



35.4955, 48.6070, 27.5276



36.1729, 48.6070, 93.8211



58.8644, 48.6070, 90.4946

Rectangle

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



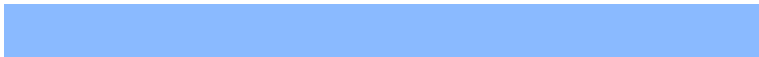
57.9262, 48.6070, 26.0677



44.2742, 48.6070, 19.3341



36.1729, 48.6070, 93.8211



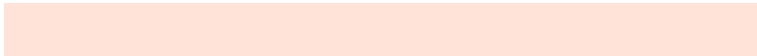
48.1798, 48.6070, 112.3335

Sweetspot

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



57.9274, 48.6094, 26.0686



81.3177, 81.4284, 76.9066



61.6988, 41.3812, 72.8631



17.0334, 16.9204, 15.6119



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.



57.9274, 48.6094, 26.0686



53.3162, 41.7744, 17.1707



71.9040, 76.5627, 30.7275



18.4220, 18.8123, 18.8045



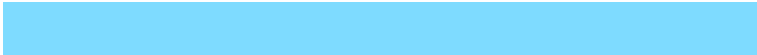
22.8393, 13.6899, 1.4386



2.3111, 1.5076, 0.1692

Inverse Universe

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



51.9843, 62.3156, 103.8956



46.6844, 56.7770, 103.1063



38.5598, 35.4666, 99.4208



18.1011, 19.5739, 23.0741



18.5012, 21.9120, 52.6889



1.8936, 2.3179, 5.1609

Previews

White Background



This preview shows how the XYZ color 57.9262, 48.6070, 26.0677 looks on a white background.

Color Contrast Check

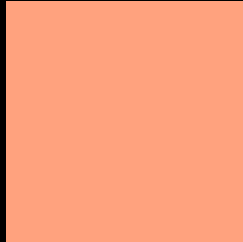
Large Text (above 18pt) WCAG AA × Fail

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 57.9262, 48.6070, 26.0677 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 57.9262, 48.6070, 26.0677

Background



This preview shows how black text looks on a background with the XYZ color 57.9262, 48.6070, 26.0677.



This preview shows how white text looks on a background with the XYZ color 57.9262, 48.6070,

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

57.9262, 48.6070, 26.0677

Protanopia

45.3461, 48.6176, 30.2867

Deuteranopia

49.7287, 48.5623, 25.4914



Tritanopia

60.6283, 48.5783, 43.7172

Trichromacy



Original Color

57.9262, 48.6070, 26.0677

Protanomaly

49.1004, 48.1703, 28.5397

Deuteranomaly

52.6516, 48.6225, 25.6788

Tritanomaly

59.3879, 48.3562, 36.3406

Monochromacy



Original Color

57.9262, 48.6070, 26.0677

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.2869, 47.9735, 41.7841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9262, 48.6070, 26.0677 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, 162, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 126)  
}
```

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, 162, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 126) }
```

Border

The CSS property to change the border of an element to XYZ 57.9262, 48.6070, 26.0677 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, 162, 126) }
```


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

```
.border{ border-color:rgb(255, 162, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9262, 48.6070, 26.0677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 126) }
```

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

```
.background{ background-color: rgb(255,  
162, 126) }
```

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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