

Converting Colors

XYZ(82.2682, 61.5059, 26.1553)

Have a look what the booklet for
XYZ(82.2682, 61.5059, 26.1553)
contains.

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Color

**XYZ(57.9123, 48.8844,
25.1222)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA37B
RGB	255, 163, 123
RGB Percent	100%, 64%, 48%
CMY	0.0000, 0.3608, 0.5176
CMYK	0.00, 0.36, 0.52, 0.00
HSL	18°, 100%, 74%
HSV	18°, 52%, 100%
XYZ	57.9123, 48.8844, 25.1222
YIQ	185.9480, 67.6720, 7.0640

Conversions

Conversions Part 2

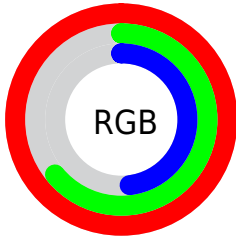
Format	Color
R _Y B	255, 180, 123
Decimal	16753531
CIE Lab	75.38, 30.01, 34.88
CIE LCh	75, 46.014, 49.297
Yxy	48.8844, 0.4390, 0.3706
Android (android.graphics.Color)	4294943611 (0xFFFFA37B)
YUV	185.9480, -31.0334, 60.5586
Hunter-Lab	69.9174, 25.4955, 27.6385

Details

The XYZ color **57.9123, 48.8844, 25.1222** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.5175, 60.0289, 103.5315**, and the grayscale version is **46.7859, 49.2224, 53.6032**.

A 20% lighter version of the original color is **74.1479, 74.5374, 51.5534**, and **29.2842, 23.2350, 9.2447** is the 20% darker color. If you saturate the color by 10%, you get **53.5824, 42.4552, 16.8028**, and if you desaturate by 10%, it is **63.1038, 56.3717, 35.7804**.

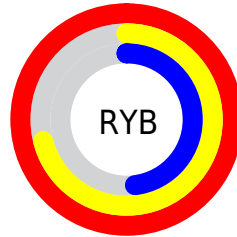
Distribution



Red (100%)

Green (64%)

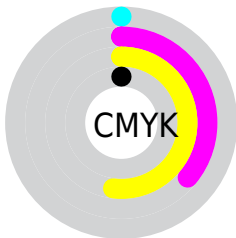
Blue (48%)



Red (100%)

Yellow (71%)

Blue (48%)

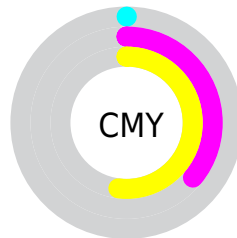


Cyan (0%)

Magenta (36%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9123, 48.8844, 25.1222 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 57.9123, 48.8844, 25.1222 by changing the saturation by 10% instead.


 57.9123, 48.8844,
25.1222

 57.9123, 48.8844,
25.1222


406.8182,
382.2871, 291.9131


 41.9811, 34.5278,
15.9483

 100.9188, 88.5197,
52.8220

 29.2776, 23.2994,
9.3336


 128.7249,
114.5673, 72.1849

 19.4362, 14.8147,
4.8596


 161.2200,
145.2805, 95.7812

 12.0918, 8.6894,
2.1078

198.7695,
181.0439, 124.0295

 6.8789, 4.5392,
0.6204

241.7387,
222.2419, 157.3483

 3.4321, 1.9795,
0.0000

290.4930,

 1.3862, 0.5955,

269.2588, 196.1562

0.0000

345.3977,
322.4791, 240.8716

■ 0.2463, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9123, 48.8844,
25.1222

■ 57.9123, 48.8844,
25.1222

■ 53.5824, 42.4552,
16.8028

■ 63.1038, 56.3717,
35.7804

■ 50.0590, 37.0267,
10.6396

■ 69.2000, 64.9560,
48.9357

■ 47.2857, 32.5467,
6.4268

■ 76.2453, 74.6834,
64.7353

■ 45.1955, 28.9546,
3.9163

■ 84.2799, 85.5949,
83.3146

■ 43.9136, 26.6075,
2.8213

■ 93.3418, 97.7293,
104.7992

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.



63.5893, 48.8844, 39.2550



57.9123, 48.8844, 25.1222



49.5536, 48.8844, 19.2947

Triad

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



57.9123, 48.8844, 25.1222



32.2289, 48.8844, 45.0266



52.0548, 48.8844, 110.4911

Complementary

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



57.9123, 48.8844, 25.1222



50.5175, 60.0289, 103.5315

Split Complementary

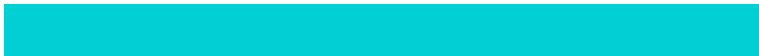
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.5039, 48.8844, 113.4605



57.9123, 48.8844, 25.1222



32.7263, 48.8844, 70.1734

Square

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



57.9123, 48.8844, 25.1222



35.1793, 48.8844, 28.2382



36.6321, 48.8844, 96.9872



59.9336, 48.8844, 89.8009

Rectangle

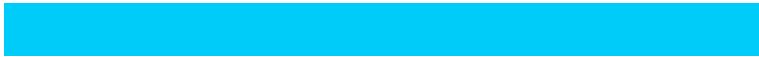
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.9123, 48.8844, 25.1222



43.8819, 48.8844, 19.1938



36.6321, 48.8844, 96.9872



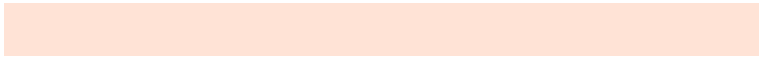
49.1437, 48.8844, 113.7901

Sweetspot

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



57.9135, 48.8869, 25.1231



80.7536, 80.8260, 75.0971



60.6402, 40.3531, 69.1527



16.9318, 16.8208, 15.2588



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.



57.9135, 48.8869, 25.1231



53.4904, 42.3159, 16.6334



72.7238, 78.5075, 30.0599



18.4582, 18.8846, 18.8166



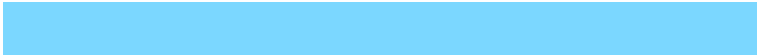
23.0600, 14.1312, 1.5122



2.3365, 1.5583, 0.1776

Inverse Universe

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



50.5175, 60.0289, 103.5315



45.3022, 54.4221, 102.7246



37.0295, 33.0531, 99.0356



18.0629, 19.4975, 23.0613



17.8584, 20.6263, 52.4746



1.8351, 2.2008, 5.1414

Previews

White Background



This preview shows how the XYZ color 57.9123, 48.8844, 25.1222 looks on a white background.

Color Contrast Check

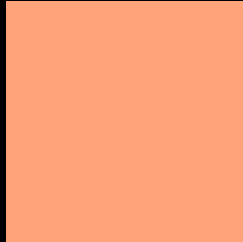
Large Text (above 18pt) WCAG AA × Fail

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 57.9123, 48.8844, 25.1222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

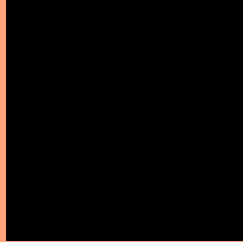
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9123, 48.8844, 25.1222

Background



This preview shows how black text looks on a background with the XYZ color 57.9123, 48.8844, 25.1222.



This preview shows how white text looks on a background with the XYZ color 57.9123, 48.8844,

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

57.9123, 48.8844, 25.1222

Protanopia

45.8112, 49.2013, 28.9121

Deuteranopia

50.0510, 49.0441, 24.5978



Tritanopia

60.8938, 48.9586, 44.2707

Trichromacy



Original Color

57.9123, 48.8844, 25.1222

Protanomaly

49.7016, 48.7979, 27.5683

Deuteranomaly

52.6557, 48.9298, 24.7583

Tritanomaly

59.5606, 48.7015, 36.3981

Monochromacy



Original Color

57.9123, 48.8844, 25.1222

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.3952, 48.3340, 41.3763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9123, 48.8844, 25.1222 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, 163, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 123)  
}
```

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, 163, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 123) }
```

Border

The CSS property to change the border of an element to XYZ 57.9123, 48.8844, 25.1222 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, 163, 123) }
```


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

```
.border{ border-color:rgb(255, 163, 123) }
```

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

Here you see how a box with a 4 pixel rgb(255, 163, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9123, 48.8844, 25.1222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 123) }
```

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

```
.background{ background-color: rgb(255,  
163, 123) }
```

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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