

Converting Colors

XYZ(68.4377, 55.8308, 25.4857)

Have a look what the booklet for
XYZ(68.4377, 55.8308, 25.4857)
contains.

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Color

**XYZ(58.9408, 51.0411,
25.1577)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA97A
RGB	255, 169, 122
RGB Percent	100%, 66%, 48%
CMY	0.0000, 0.3372, 0.5216
CMYK	0.00, 0.34, 0.52, 0.00
HSL	21°, 100%, 74%
HSV	21°, 52%, 100%
XYZ	58.9408, 51.0411, 25.1577
YIQ	189.3560, 66.3430, 3.6150

Conversions

Conversions Part 2

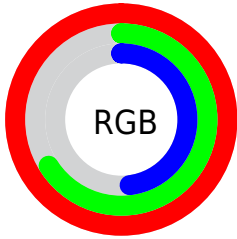
Format	Color
R _Y B	255, 195, 122
Decimal	16755066
CIE Lab	76.70, 26.79, 37.11
CIE LCh	77, 45.771, 54.170
Yxy	51.0411, 0.4361, 0.3777
Android (android.graphics.Color)	4294945146 (0xFFFFA97A)
YUV	189.3560, -33.2065, 57.5698
Hunter-Lab	71.4431, 22.2379, 29.1320

Details

The XYZ color **58.9408, 51.0411, 25.1577** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.6306, 56.4665, 102.9433**, and the grayscale version is **48.7326, 51.2705, 55.8335**.

A 20% lighter version of the original color is **75.9031, 78.2056, 51.6521**, and **29.9208, 24.5608, 9.2946** is the 20% darker color. If you saturate the color by 10%, you get **54.6871, 44.7392, 16.9410**, and if you desaturate by 10%, it is **63.9983, 58.2875, 35.6881**.

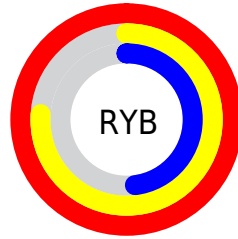
Distribution



Red (100%)

Green (66%)

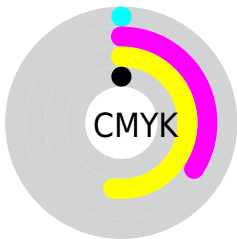
Blue (48%)



Red (100%)

Yellow (76%)

Blue (48%)

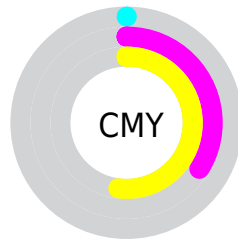


Cyan (0%)

Magenta (34%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9408, 51.0411, 25.1577 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 58.9408, 51.0411, 25.1577 by changing the saturation by 10% instead.


 58.9408, 51.0411,
25.1577

 58.9408, 51.0411,
25.1577


410.5801,
390.7234, 292.0952


 42.8117, 36.2413,
15.9745


 102.4067, 91.7155,
52.8802

 29.9312, 24.6206,
9.3519


 130.4742,
118.3590, 72.2566

 19.9342, 15.7946,
4.8715

 163.2519,
149.7191, 95.8679

 12.4552, 9.3790,
2.1147

201.1051,
186.1802, 124.1325

 7.1289, 4.9892,
0.6245

244.3991,
228.1269, 157.4689

 3.5899, 2.2409,
0.0000

293.4994,

 1.4728, 0.7422,

275.9433, 196.2959

0.0000

348.7713,
330.0141, 241.0317

■ 0.3072, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9408, 51.0411,
25.1577

■ 58.9408, 51.0411,
25.1577

■ 54.6871, 44.7392,
16.9410

■ 63.9983, 58.2875,
35.6881

■ 51.1859, 39.3322,
10.8556

■ 69.8991, 66.5097,
48.6895

■ 48.3850, 34.7769,
6.6960

■ 76.6841, 75.7470,
64.3087

■ 46.2220, 31.0223,
4.2136

■ 84.3906, 86.0338,
82.6803

■ 44.9065, 28.5933,
3.1522

■ 93.0532, 97.4032,
103.9293

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.



65.3672, 51.0411, 38.2288



58.9408, 51.0411, 25.1577



50.2261, 51.0411, 20.3241

Triad

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



58.9408, 51.0411, 25.1577



33.7465, 51.0411, 50.8652



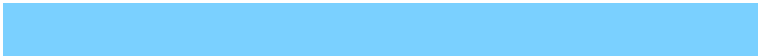
55.6640, 51.0411, 111.5048

Complementary

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



58.9408, 51.0411, 25.1577



48.6306, 56.4665, 102.9433

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.



46.8393, 51.0411, 117.8884



58.9408, 51.0411, 25.1577



34.8377, 51.0411, 77.5056

Square

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



58.9408, 51.0411, 25.1577



36.2133, 51.0411, 32.0499



39.3940, 51.0411, 103.9668



63.3232, 51.0411, 88.4703

Rectangle

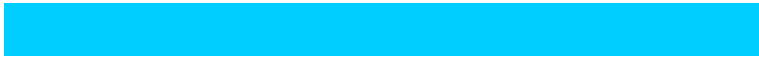
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.9408, 51.0411, 25.1577



44.5453, 51.0411, 20.9470



39.3940, 51.0411, 103.9668



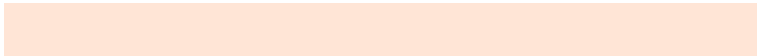
52.7096, 51.0411, 115.9089

Sweetspot

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



58.9420, 51.0436, 25.1587



81.3174, 81.9538, 75.2851



59.6402, 39.7556, 64.4955



17.0653, 17.0877, 15.3033



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.



58.9420, 51.0436, 25.1587



54.3634, 44.2491, 16.3479



74.4754, 82.1103, 30.3364



18.5346, 19.0373, 18.8420



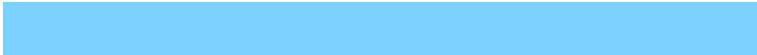
23.5914, 15.1941, 1.6893



2.3953, 1.6760, 0.1972

Inverse Universe

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



48.6306, 56.4665, 102.9433



42.9468, 50.1077, 102.0160



35.7419, 30.6891, 98.6471



17.9830, 19.3377, 23.0347



16.5962, 18.1019, 52.0539



1.7188, 1.9684, 5.1026

Previews

White Background



This preview shows how the XYZ color 58.9408, 51.0411, 25.1577 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 58.9408, 51.0411, 25.1577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

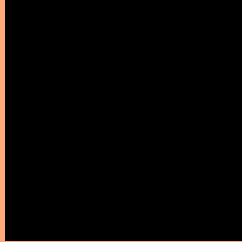
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9408, 51.0411, 25.1577

Background



This preview shows how black text looks on a background with the XYZ color 58.9408, 51.0411, 25.1577.

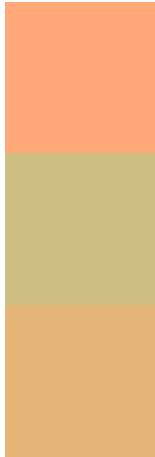


This preview shows how white text looks on a background with the XYZ color 58.9408, 51.0411,

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

58.9408, 51.0411, 25.1577

Protanopia

47.6196, 51.4178, 28.5339

Deuteranopia

52.2271, 51.0618, 24.8726



Tritanopia

62.2533, 50.9061, 47.1022

Trichromacy



Original Color

58.9408, 51.0411, 25.1577



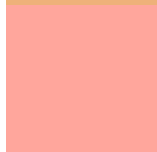
Protanomaly

50.9901, 50.6762, 27.1727



Deuteranomaly

54.4332, 51.0019, 25.0646



Tritanomaly

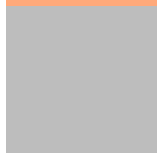
60.8770, 50.9327, 38.0749

Monochromacy



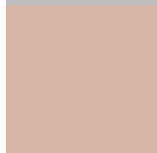
Original Color

58.9408, 51.0411, 25.1577



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

50.9601, 50.3186, 42.6239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9408, 51.0411, 25.1577 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, 169, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 122)  
}
```

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, 169, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 122) }
```

Border

The CSS property to change the border of an element to XYZ 58.9408, 51.0411, 25.1577 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, 169, 122) }
```


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

```
.border{ border-color:rgb(255, 169, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9408, 51.0411, 25.1577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 122) }
```

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

```
.background{ background-color: rgb(255,  
169, 122) }
```

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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