

Converting Colors

XYZ(58.0403, 50.9143, 25.6857)

Have a look what the booklet for
XYZ(58.0403, 50.9143, 25.6857)
contains.

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Color

**XYZ(58.1577, 50.9001,
25.8282)**

Conversions

Conversions Part 1

Format	Color
Hex	FCAA7C
RGB	252, 170, 124
RGB Percent	99%, 67%, 49%
CMY	0.0118, 0.3333, 0.5137
CMYK	0.00, 0.33, 0.51, 0.01
HSL	22°, 96%, 74%
HSV	22°, 51%, 99%
XYZ	58.1577, 50.9001, 25.8282
YIQ	189.2740, 63.6380, 3.0780

Conversions

Conversions Part 2

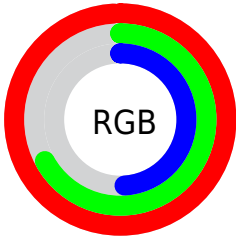
Format	Color
R _Y B	252, 196, 124
Decimal	16558716
CIE Lab	76.62, 25.26, 35.88
CIE LCh	77, 43.884, 54.850
Yxy	50.9001, 0.4312, 0.3774
Android (android.graphics.Color)	4294748796 (0xFFFC AA7C)
YUV	189.2740, -32.1801, 55.0107
Hunter-Lab	71.3443, 20.6552, 28.4767

Details

The XYZ color **58.1577, 50.9001, 25.8282** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.9530, 55.4535, 100.2714**, and the grayscale version is **48.6808, 51.2160, 55.7742**.

A 20% lighter version of the original color is **76.3722, 78.8270, 52.7849**, and **29.3355, 24.4235, 9.6466** is the 20% darker color. If you saturate the color by 10%, you get **53.9206, 44.6588, 17.5328**, and if you desaturate by 10%, it is **63.1761, 58.0525, 36.3937**.

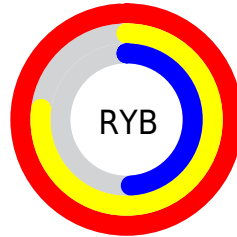
Distribution



Red (99%)

Green (67%)

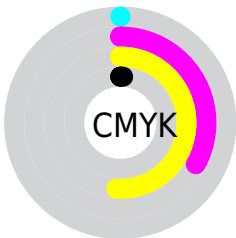
Blue (49%)



Red (99%)

Yellow (77%)

Blue (49%)

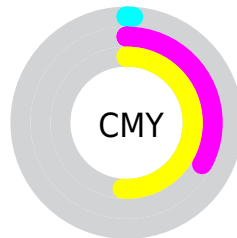


Cyan (0%)

Magenta (33%)

Yellow (51%)

Black (1%)



Cyan (1%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1577, 50.9001, 25.8282 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 58.1577, 50.9001, 25.8282 by changing the saturation by 10% instead.


 58.1577, 50.9001,
25.8282


 58.1577, 50.9001,
25.8282


407.7177,
390.1755, 295.5163


 42.1792, 36.1291,
16.4705


 101.2741, 91.5071,
53.9783

 29.4334, 24.5339,
9.6998


 129.1427,
118.1119, 73.6079

 19.5548, 15.7302,
5.0974

 161.7054,
149.4300, 97.4985

 12.1782, 9.3334,
2.2448

199.3276,
185.8460, 126.0687

 6.9382, 4.9593,
0.7000

242.3745,
227.7441, 159.7371

 3.4695, 2.2234,
0.0000

291.2116,

 1.4066, 0.7327,

275.5088, 198.9221

0.0000

346.2042,
329.5245, 244.0423

■ 0.2609, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1577, 50.9001,
25.8282

■ 58.1577, 50.9001,
25.8282

■ 53.9206, 44.6588,
17.5328

■ 63.1761, 58.0525,
36.3937

■ 50.4160, 39.2816,
11.3333

■ 69.0130, 66.1452,
49.3799

■ 47.5945, 34.7280,
7.0346

■ 75.7078, 75.2153,
64.9275

■ 45.3976, 30.9503,
4.4025

■ 83.2957, 85.2956,
83.1658

■ 43.8495, 28.1049,
3.1137

■ 91.8100, 96.4169,
104.2151

■ 93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



64.3480, 50.9001, 38.3525



58.1577, 50.9001, 25.8282



49.8254, 50.9001, 21.2337

Triad

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



58.1577, 50.9001, 25.8282



34.1655, 50.9001, 51.4202



55.3980, 50.9001, 108.0807

Complementary

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



58.1577, 50.9001, 25.8282



47.9530, 55.4535, 100.2714

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.



46.9609, 50.9001, 114.5197



58.1577, 50.9001, 25.8282



35.2981, 50.9001, 76.9255

Square

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



58.1577, 50.9001, 25.8282



36.4716, 50.9001, 33.0585



39.7629, 50.9001, 101.8038



62.6313, 50.9001, 86.1085

Rectangle

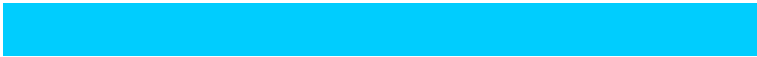
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.1577, 50.9001, 25.8282



44.4044, 50.9001, 21.9493



39.7629, 50.9001, 101.8038



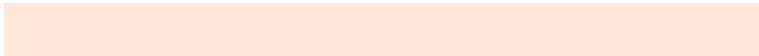
52.5840, 50.9001, 112.3571

Sweetspot

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



58.1589, 50.9026, 25.8292



82.1674, 83.1279, 77.1899



58.6396, 39.6259, 63.7179



17.2365, 17.3266, 15.6796



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.



58.1589, 50.9026, 25.8292



55.2947, 45.7315, 17.8302



72.8653, 80.3153, 30.7313



17.7552, 18.2462, 18.0485



22.9683, 14.8933, 1.6641



2.2236, 1.5721, 0.1863

Inverse Universe

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



47.9530, 55.4535, 100.2714



43.6895, 50.7873, 102.1080



35.7358, 31.0189, 96.1990



17.2104, 18.4977, 22.0486



15.9752, 17.3061, 50.4720



1.5799, 1.8035, 4.7080

Previews

White Background



This preview shows how the XYZ color 58.1577, 50.9001, 25.8282 looks on a white background.

Color Contrast Check

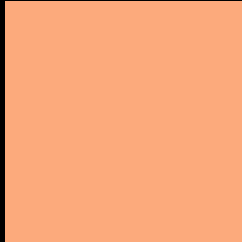
Large Text (above 18pt) WCAG AA × Fail

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 58.1577, 50.9001, 25.8282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

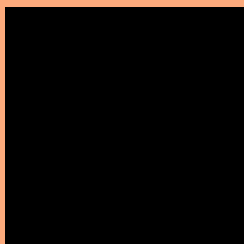
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1577, 50.9001, 25.8282

Background



This preview shows how black text looks on a background with the XYZ color 58.1577, 50.9001, 25.8282.



This preview shows how white text looks on a background with the XYZ color 58.1577, 50.9001,

25.8282.

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

58.1577, 50.9001, 25.8282

Protanopia

47.5393, 51.0403, 29.1760

Deuteranopia

52.0316, 50.9469, 25.5037



Tritanopia

62.3519, 50.9455, 47.6215

Trichromacy



Original Color

58.1577, 50.9001, 25.8282

Protanomaly

50.8146, 50.5705, 27.8517

Deuteranomaly

54.2223, 50.8789, 25.7017

Tritanomaly

60.5951, 50.7776, 38.5056

Monochromacy



Original Color

58.1577, 50.9001, 25.8282

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.6709, 50.1696, 42.6104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1577, 50.9001, 25.8282 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(252, 170, 124)` looks like.

```
.text, #text, p{  
    color:rgb(252, 170, 124)  
}
```

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(252, 170, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 170, 124) }
```

Border

The CSS property to change the border of an element to XYZ 58.1577, 50.9001, 25.8282 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(252, 170, 124) }
```


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

```
.border{ border-color:rgb(252, 170, 124) }
```

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

Here you see how a box with a 4 pixel rgb(252, 170, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 170, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 170, 124);  
box-shadow:4px 4px 4px 4px rgb(252, 170,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1577, 50.9001, 25.8282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 170, 124) }
```

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

```
.background{ background-color: rgb(252,  
170, 124) }
```

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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