

Converting Colors

XYZ(94.3929, 67.6010, 30.1028)

Have a look what the booklet for
XYZ(94.3929, 67.6010, 30.1028)
contains.

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Color

**XYZ(58.5708, 49.1478,
28.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA385
RGB	255, 163, 133
RGB Percent	100%, 64%, 52%
CMY	0.0000, 0.3608, 0.4784
CMYK	0.00, 0.36, 0.48, 0.00
HSL	15°, 100%, 76%
HSV	15°, 48%, 100%
XYZ	58.5708, 49.1478, 28.5898
YIQ	187.0880, 64.4620, 10.1740

Conversions

Conversions Part 2

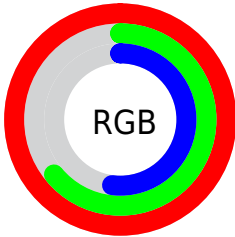
Format	Color
R _Y B	255, 173, 133
Decimal	16753541
CIE Lab	75.54, 30.90, 29.76
CIE LCh	76, 42.905, 43.924
Yxy	49.1478, 0.4297, 0.3606
Android (android.graphics.Color)	4294943621 (0xFFFFA385)
YUV	187.0880, -26.6654, 59.5588
Hunter-Lab	70.1055, 26.4462, 24.8947

Details

The XYZ color **58.5708, 49.1478, 28.5898** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.6467, 66.0540, 104.4769**, and the grayscale version is **47.4052, 49.8739, 54.3127**.

A 20% lighter version of the original color is **75.4344, 75.4682, 57.0454**, and **29.6429, 23.3785, 11.1338** is the 20% darker color. If you saturate the color by 10%, you get **53.8599, 42.2116, 19.3576**, and if you desaturate by 10%, it is **64.2308, 57.2982, 40.2489**.

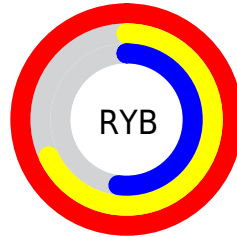
Distribution



Red (100%)

Green (64%)

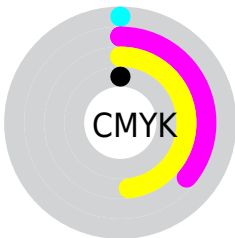
Blue (52%)



Red (100%)

Yellow (68%)

Blue (52%)

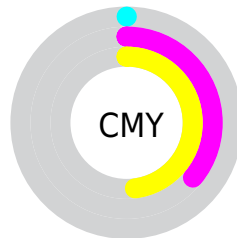


Cyan (0%)

Magenta (36%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5708, 49.1478, 28.5898 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 58.5708, 49.1478, 28.5898 by changing the saturation by 10% instead.

 58.5708, 49.1478,
28.5898

 58.5708, 49.1478,
28.5898


409.2292,
383.3239, 309.2747


 42.5127, 34.7367,
18.5278


 101.8718, 88.9109,
58.4591

 29.6959, 23.4602,
11.1563


 129.8455,
115.0318, 79.1035

 19.7548, 14.9336,
6.0565

 162.5217,
145.8247, 104.1125

 12.3241, 8.7728,
2.8101


200.2659,
181.6741, 133.9046

 7.0386, 4.5933,
0.9985

243.4434,
222.9643, 168.8983

 3.5328, 2.0107,
0.0000

292.4195,

 1.4414, 0.6137,

270.0797, 209.5122

0.0000

347.5597,
323.4048, 256.1648

■ 0.2854, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5708, 49.1478,
28.5898

■ 58.5708, 49.1478,
28.5898

■ 53.8599, 42.2116,
19.3576

■ 64.2308, 57.2982,
40.2489

■ 50.0397, 36.4228,
12.3759

■ 70.8866, 66.7104,
54.4885

■ 47.0504, 31.7193,
7.4486

■ 78.5858, 77.4385,
71.4528

■ 44.8225, 28.0294,
4.3443

■ 87.3720, 89.5312,
91.2746

■ 43.2692, 25.2703,
2.7551

95.0499, 99.9999,
108.9000

■ 43.0017, 24.7837,
2.5173

Harmonies

Analogous

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



63.1196, 49.1478, 43.6839



58.5708, 49.1478, 28.5898



51.0614, 49.1478, 21.5792

Triad

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



58.5708, 49.1478, 28.5898



33.5479, 49.1478, 42.3160



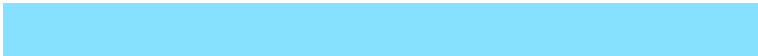
50.4772, 49.1478, 108.0308

Complementary

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



58.5708, 49.1478, 28.5898



54.6467, 66.0540, 104.4769

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.



42.6198, 49.1478, 107.3548



58.5708, 49.1478, 28.5898



33.4293, 49.1478, 64.7172

Square

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



58.5708, 49.1478, 28.5898



36.9201, 49.1478, 27.8337



36.5753, 49.1478, 89.8551



58.1016, 49.1478, 91.5019

Rectangle

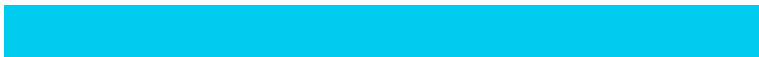
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



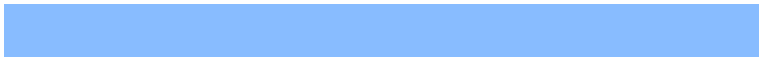
58.5708, 49.1478, 28.5898



45.6784, 49.1478, 20.7154



36.5753, 49.1478, 89.8551



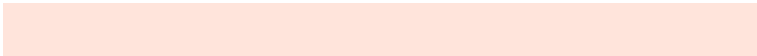
47.7642, 49.1478, 109.9267

Sweetspot

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



58.5720, 49.1503, 28.5907



81.8312, 81.9213, 78.7245



63.4284, 43.5557, 77.3999



17.1210, 16.9904, 15.9651



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.



58.5720, 49.1503, 28.5907



54.2219, 42.7510, 20.0461



71.7190, 75.4443, 32.9731



18.3722, 18.7126, 18.7879



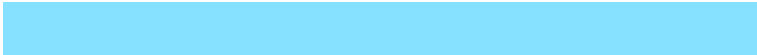
22.5668, 13.1449, 1.3478



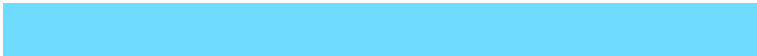
2.2787, 1.4428, 0.1584

Inverse Universe

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



54.6467, 66.0540, 104.4769



49.8341, 61.3069, 103.8146



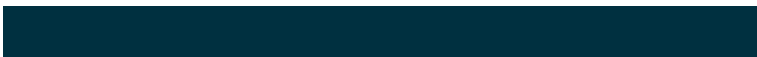
41.2748, 39.3101, 100.0196



18.1542, 19.6800, 23.0917



19.4370, 23.7835, 53.0008



1.9782, 2.4870, 5.1891

Previews

White Background



This preview shows how the XYZ color 58.5708, 49.1478, 28.5898 looks on a white background.

Color Contrast Check

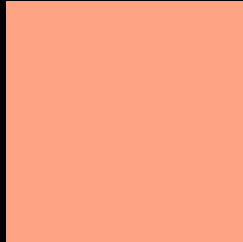
Large Text (above 18pt) WCAG AA × Fail

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 58.5708, 49.1478, 28.5898 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 58.5708, 49.1478, 28.5898

Background



This preview shows how black text looks on a background with the XYZ color 58.5708, 49.1478, 28.5898.



This preview shows how white text looks on a background with the XYZ color 58.5708, 49.1478,

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

58.5708, 49.1478, 28.5898

Protanopia

46.0700, 49.2431, 33.0633

Deuteranopia

50.2736, 49.3815, 28.0010



Tritanopia

60.9888, 48.9965, 44.7709

Trichromacy



Original Color

58.5708, 49.1478, 28.5898

Protanomaly

49.7940, 48.7649, 31.2142

Deuteranomaly

52.9720, 49.0183, 28.1423

Tritanomaly

59.8966, 48.8359, 38.1677

Monochromacy



Original Color

58.5708, 49.1478, 28.5898

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.0468, 48.6279, 43.3076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5708, 49.1478, 28.5898 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 133) }
```

Border

The CSS property to change the border of an element to XYZ 58.5708, 49.1478, 28.5898 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, 133) }
```


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

```
.border{ border-color:rgb(255, 163, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5708, 49.1478, 28.5898 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, 133) }
```

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

```
.background{ background-color: rgb(255,  
163, 133) }
```

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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