

Converting Colors

XYZ(67.5772, 53.3093, 31.8602)

Have a look what the booklet for
XYZ(67.5772, 53.3093, 31.8602)
contains.

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Color

**XYZ(58.7926, 48.6728,
31.4954)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA18D
RGB	255, 161, 141
RGB Percent	100%, 63%, 55%
CMY	0.0000, 0.3686, 0.4471
CMYK	0.00, 0.37, 0.45, 0.00
HSL	11°, 100%, 78%
HSV	11°, 45%, 100%
XYZ	58.7926, 48.6728, 31.4954
YIQ	186.8260, 62.4440, 13.7080

Conversions

Conversions Part 2

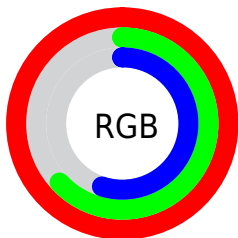
Format	Color
R _Y B	255, 165, 141
Decimal	16753037
CIE Lab	75.25, 32.71, 25.05
CIE LCh	75, 41.205, 37.446
Yxy	48.6728, 0.4231, 0.3503
Android (android.graphics.Color)	4294943117 (0xFFFFA18D)
YUV	186.8260, -22.5922, 59.7886
Hunter-Lab	69.7659, 28.3339, 22.0700

Details

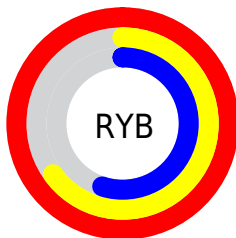
The XYZ color **58.7926, 48.6728, 31.4954** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.7415, 72.2963, 105.4662**, and the grayscale version is **47.2358, 49.6958, 54.1187**.

A 20% lighter version of the original color is **75.9032, 74.8258, 62.0721**, and **29.7566, 23.0826, 12.7846** is the 20% darker color. If you saturate the color by 10%, you get **53.7388, 41.2602, 21.5030**, and if you desaturate by 10%, it is **64.9034, 57.5005, 43.9959**.

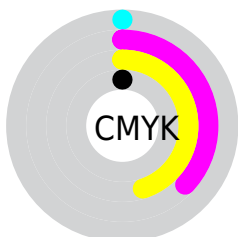
Distribution



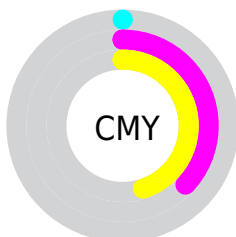
- Red (100%)
- Green (63%)
- Blue (55%)



- Red (100%)
- Yellow (65%)
- Blue (55%)



- Cyan (0%)
- Magenta (37%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7926, 48.6728, 31.4954 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 58.7926, 48.6728, 31.4954 by changing the saturation by 10% instead.


 58.7926, 48.6728,
31.4954

 58.7926, 48.6728,
31.4954


410.0393,
381.4528, 323.2358


 42.6919, 34.3600,
20.7148

 102.1925, 88.2053,
63.1079

 29.8369, 23.1703,
12.7264


 130.2225,
114.1938, 84.7768

 19.8623, 14.7193,
7.1119


 162.9595,
144.8429, 110.9122

 12.4027, 8.6226,
3.4527

200.7691,
180.5372, 141.9327

 7.0927, 4.4959,
1.3302

244.0165,
221.6609, 178.2567

 3.5670, 1.9546,
0.0863

293.0671,

 1.4602, 0.5809,

268.5985, 220.3029

0.0000

348.2862,
321.7343, 268.4897

■ 0.2985, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7926, 48.6728,
31.4954

■ 58.7926, 48.6728,
31.4954

■ 53.7388, 41.2602,
21.5030

■ 64.9034, 57.5005,
43.9959

■ 49.6771, 35.1815,
13.8456

■ 72.1239, 67.8045,
59.1562

■ 46.5410, 30.3585,
8.3324

■ 80.5073, 79.6512,
77.1191

■ 44.2535, 26.7012,
4.7410

■ 90.1026, 93.1007,
98.0164

■ 42.7243, 24.1072, 95.0499, 100.0000,
2.7993 108.9000

■ 42.1688, 23.1177,
2.2396

Harmonies

Analogous

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



62.2292, 48.6728, 47.7808



58.7926, 48.6728, 31.4954



52.0660, 48.6728, 23.0914

Triad

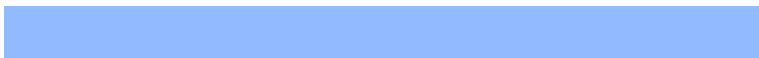
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.7926, 48.6728, 31.4954



34.0912, 48.6728, 38.5754



48.1721, 48.6728, 105.9390

Complementary

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



58.7926, 48.6728, 31.4954



58.7415, 72.2963, 105.4662

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.



40.9063, 48.6728, 101.5058



58.7926, 48.6728, 31.4954



33.2904, 48.6728, 58.5783

Square

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



58.7926, 48.6728, 31.4954



37.9726, 48.6728, 26.3341



35.6518, 48.6728, 82.5615



55.6778, 48.6728, 93.4081

Rectangle

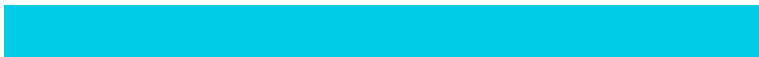
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.7926, 48.6728, 31.4954



46.9129, 48.6728, 21.3315



35.6518, 48.6728, 82.5615



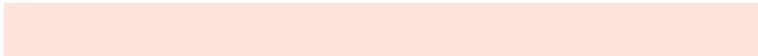
45.6172, 48.6728, 106.4314

Sweetspot

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



58.7938, 48.6752, 31.4963



82.0567, 81.8299, 80.4718



65.9054, 46.3663, 84.8330



17.1357, 16.9133, 16.2990



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.



58.7938, 48.6752, 31.4963



54.0621, 41.7385, 22.1292



70.8607, 72.8090, 35.5186



18.2670, 18.5022, 18.7528



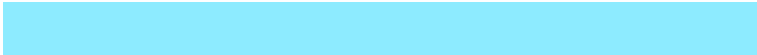
22.1084, 12.2280, 1.1950



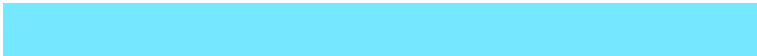
2.2200, 1.3253, 0.1388

Inverse Universe

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



58.7415, 72.2963, 105.4662



53.9563, 68.0824, 104.9052



45.1550, 45.1234, 100.9374



18.2677, 19.9071, 23.1296



21.6052, 28.1200, 53.7236



2.1716, 2.8738, 5.2535

Previews

White Background



This preview shows how the XYZ color 58.7926, 48.6728, 31.4954 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 58.7926, 48.6728, 31.4954 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 58.7926, 48.6728, 31.4954

Background



This preview shows how black text looks on a background with the XYZ color 58.7926, 48.6728, 31.4954.



This preview shows how white text looks on a background with the XYZ color 58.7926, 48.6728,

31.4954.

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

58.7926, 48.6728, 31.4954

Protanopia

46.0424, 48.8352, 36.7052

Deuteranopia

49.7213, 48.7358, 30.8311



Tritanopia

60.6283, 48.5783, 43.7172

Trichromacy



Original Color

58.7926, 48.6728, 31.4954

Protanomaly

49.7841, 48.0942, 34.6762

Deuteranomaly

52.6914, 48.5249, 31.0152

Tritanomaly

59.8961, 48.5595, 39.0169

Monochromacy



Original Color

58.7926, 48.6728, 31.4954

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.3275, 48.7401, 44.7854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7926, 48.6728, 31.4954 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, 161, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 141)  
}
```

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, 161, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 141) }
```

Border

The CSS property to change the border of an element to XYZ 58.7926, 48.6728, 31.4954 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, 161, 141) }
```


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

```
.border{ border-color:rgb(255, 161, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7926, 48.6728, 31.4954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 141) }
```

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

```
.background{ background-color: rgb(255,  
161, 141) }
```

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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