

Converting Colors

XYZ(62.9150, 50.5408, 31.3287)

Have a look what the booklet for
XYZ(62.9150, 50.5408, 31.3287)
contains.

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Color

**XYZ(58.5444, 48.2951,
31.0472)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA08C
RGB	255, 160, 140
RGB Percent	100%, 63%, 55%
CMY	0.0000, 0.3725, 0.4510
CMYK	0.00, 0.37, 0.45, 0.00
HSL	10°, 100%, 77%
HSV	10°, 45%, 100%
XYZ	58.5444, 48.2951, 31.0472
YIQ	186.1250, 63.0400, 13.9200

Conversions

Conversions Part 2

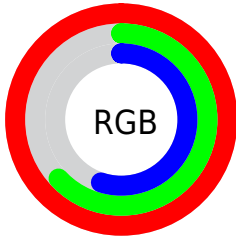
Format	Color
R _Y B	255, 164, 140
Decimal	16752780
CIE Lab	75.01, 33.13, 25.28
CIE LCh	75, 41.674, 37.338
Yxy	48.2951, 0.4246, 0.3503
Android (android.graphics.Color)	4294942860 (0xFFFFA08C)
YUV	186.1250, -22.7396, 60.4034
Hunter-Lab	69.4947, 28.7581, 22.1581

Details

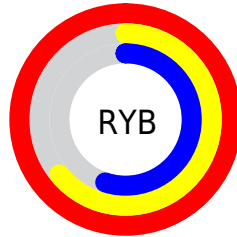
The XYZ color **58.5444, 48.2951, 31.0472** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.5719, 72.2086, 105.4580**, and the grayscale version is **46.8421, 49.2815, 53.6676**.

A 20% lighter version of the original color is **75.5335, 74.2668, 61.3928**, and **29.6088, 22.8557, 12.5239** is the 20% darker color. If you saturate the color by 10%, you get **53.5302, 40.9351, 21.1495**, and if you desaturate by 10%, it is **64.6154, 57.0715, 43.4473**.

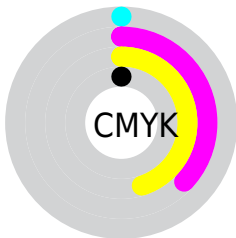
Distribution



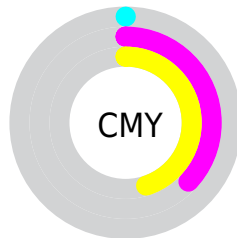
- Red (100%)
- Green (63%)
- Blue (55%)



- Red (100%)
- Yellow (64%)
- 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 58.5444, 48.2951, 31.0472 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 58.5444, 48.2951, 31.0472 by changing the saturation by 10% instead.


 58.5444, 48.2951,
31.0472

 58.5444, 48.2951,
31.0472


409.1327,
379.9606, 321.1136


 42.4914, 34.0606,
20.3760


 101.8336, 87.6436,
62.3948

 29.6791, 22.9402,
12.4819


 129.8006,
113.5265, 83.9084

 19.7420, 14.5493,
6.9463


 162.4696,
144.0609, 109.8731

 12.3148, 8.5037,
3.3506

200.2060,
179.6313, 140.7076

 7.0322, 4.4189,
1.2763

243.3751,
220.6221, 176.8303

 3.5287, 1.9106,
0.0423

292.3424,

 1.4391, 0.5547,

267.4176, 218.6599

0.0000

347.4731,
320.4024, 266.6148

■ 0.2839, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5444, 48.2951,
31.0472

■ 58.5444, 48.2951,
31.0472

■ 53.5302, 40.9351,
21.1495

■ 64.6154, 57.0715,
43.4473

■ 49.5073, 34.9097,
13.5804

■ 71.7961, 67.3259,
58.5021

■ 46.4088, 30.1398,
8.1480

■ 80.1402, 79.1253,
76.3549

■ 44.1571, 26.5346,
4.6282

■ 89.6967, 92.5302,
97.1379

■ 42.6607, 23.9905, 95.0498, 99.9999,
2.7463 108.9000

■ 42.1540, 23.0883,
2.2347

Harmonies

Analogous

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



61.9950, 48.2951, 47.4132



58.5444, 48.2951, 31.0472



51.7734, 48.2951, 22.6239

Triad

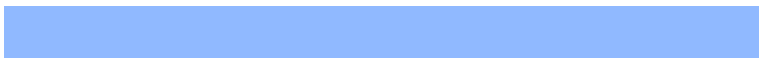
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.5444, 48.2951, 31.0472



33.6834, 48.2951, 38.0381



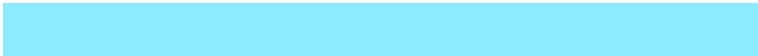
47.7971, 48.2951, 106.0459

Complementary

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



58.5444, 48.2951, 31.0472



58.5719, 72.2086, 105.4580

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.



40.4941, 48.2951, 101.4972



58.5444, 48.2951, 31.0472



32.8686, 48.2951, 58.1202

Square

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



58.5444, 48.2951, 31.0472



37.5895, 48.2951, 25.8128



35.2265, 48.2951, 82.3097



55.3600, 48.2951, 93.4252

Rectangle

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



58.5444, 48.2951, 31.0472



46.5858, 48.2951, 20.8545



35.2265, 48.2951, 82.3097



45.2270, 48.2951, 106.5222

Sweetspot

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



58.5456, 48.2975, 31.0481



81.1292, 80.5172, 78.4905



65.7342, 46.0629, 84.6563



16.9519, 16.6523, 15.9088



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.



58.5456, 48.2975, 31.0481



54.0311, 41.6765, 22.1189



70.7006, 72.6075, 35.0998



18.2648, 18.4977, 18.7521



22.1002, 12.2116, 1.1923



2.2188, 1.3230, 0.1384

Inverse Universe

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



58.5719, 72.2086, 105.4580



54.0150, 68.1996, 104.9247



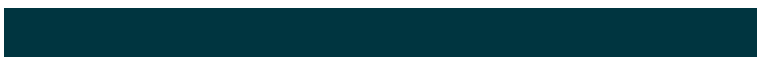
44.8523, 44.7694, 100.8848



18.2702, 19.9120, 23.1304



21.6548, 28.2191, 53.7401



2.1760, 2.8826, 5.2550

Previews

White Background



This preview shows how the XYZ color 58.5444, 48.2951, 31.0472 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 58.5444, 48.2951, 31.0472 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 58.5444, 48.2951, 31.0472

Background



This preview shows how black text looks on a background with the XYZ color 58.5444, 48.2951, 31.0472.



This preview shows how white text looks on a background with the XYZ color 58.5444, 48.2951,

31.0472.

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

58.5444, 48.2951, 31.0472

Protanopia

45.6998, 48.6681, 36.2634

Deuteranopia

49.4509, 48.3105, 30.3854



Tritanopia

60.3649, 48.2011, 43.1680

Trichromacy



Original Color

58.5444, 48.2951, 31.0472

Protanomaly

49.4071, 47.9090, 34.2471

Deuteranomaly

52.4291, 48.1166, 30.5689

Tritanomaly

59.6384, 48.1823, 38.5046

Monochromacy



Original Color

58.5444, 48.2951, 31.0472

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.7475, 48.1577, 44.2095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5444, 48.2951, 31.0472 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, 160, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 140)  
}
```

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, 160, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 140) }
```

Border

The CSS property to change the border of an element to XYZ 58.5444, 48.2951, 31.0472 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, 160, 140) }
```


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

```
.border{ border-color:rgb(255, 160, 140) }
```

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

Here you see how a box with a 4 pixel rgb(255, 160, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5444, 48.2951, 31.0472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 140) }
```

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

```
.background{ background-color: rgb(255,  
160, 140) }
```

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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