

Converting Colors

XYZ(60.7239, 49.4428, 31.7188)

Have a look what the booklet for
XYZ(60.7239, 49.4428, 31.7188)
contains.

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Color

**XYZ(58.6185, 48.3247,
31.4374)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA08D
RGB	255, 160, 141
RGB Percent	100%, 63%, 55%
CMY	0.0000, 0.3725, 0.4471
CMYK	0.00, 0.37, 0.45, 0.00
HSL	10°, 100%, 78%
HSV	10°, 45%, 100%
XYZ	58.6185, 48.3247, 31.4374
YIQ	186.2390, 62.7190, 14.2310

Conversions

Conversions Part 2

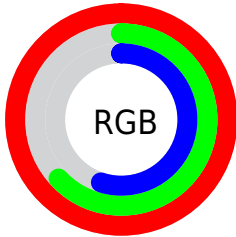
Format	Color
R _Y B	255, 164, 141
Decimal	16752781
CIE Lab	75.03, 33.23, 24.76
CIE LCh	75, 41.442, 36.687
Yxy	48.3247, 0.4236, 0.3492
Android (android.graphics.Color)	4294942861 (0xFFFFA08D)
YUV	186.2390, -22.3028, 60.3034
Hunter-Lab	69.5160, 28.8650, 21.8483

Details

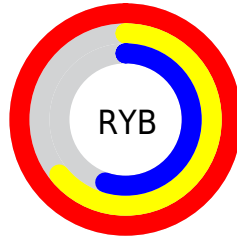
The XYZ color **58.6185, 48.3247, 31.4374** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.0284, 72.8703, 105.5617**, and the grayscale version is **46.9038, 49.3465, 53.7383**.

A 20% lighter version of the original color is **75.6462, 74.3119, 61.9864**, and **29.6517, 22.8728, 12.7496** is the 20% darker color. If you saturate the color by 10%, you get **53.5610, 40.9047, 21.4438**, and if you desaturate by 10%, it is **64.7448, 57.1834, 43.9431**.

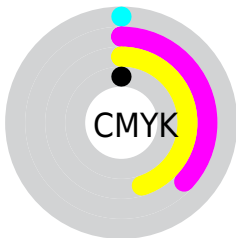
Distribution



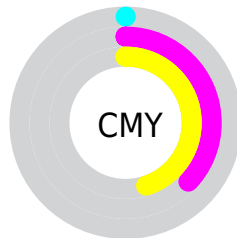
- Red (100%)
- Green (63%)
- Blue (55%)



- 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 58.6185, 48.3247, 31.4374 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 58.6185, 48.3247, 31.4374 by changing the saturation by 10% instead.


 58.6185, 48.3247,
31.4374

 58.6185, 48.3247,
31.4374


409.4035,
380.0777, 322.9618


 42.5513, 34.0841,
20.6709


 101.9408, 87.6877,
63.0157

 29.7262, 22.9582,
12.6948


 129.9266,
113.5788, 84.6645

 19.7779, 14.5627,
7.0904

 162.6159,
144.1222, 110.7779

 12.3410, 8.5130,
3.4394

200.3742,
179.7024, 141.7744

 7.0502, 4.4249,
1.3232

243.5667,
220.7036, 178.0725

 3.5401, 1.9140,
0.0806

292.5589,

 1.4454, 0.5568,

267.5103, 220.0907

0.0000

347.7160,
320.5069, 268.2476

■ 0.2882, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6185, 48.3247,
31.4374

■ 58.6185, 48.3247,
31.4374

■ 53.5610, 40.9047,
21.4438

■ 64.7448, 57.1834,
43.9431

■ 49.5062, 34.8398,
13.7887

■ 71.9935, 67.5439,
59.1128

■ 46.3864, 30.0493,
8.2809

■ 80.4189, 79.4744,
77.0896

■ 44.1230, 26.4403,
4.6975

■ 90.0706, 93.0369,
98.0057

■ 42.6240, 23.9067, 95.0499, 99.9999,
2.7659 108.9000

■ 42.0862, 22.9525,
2.2121

Harmonies

Analogous

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



61.9553, 48.3247, 47.9118



58.6185, 48.3247, 31.4374



51.9351, 48.3247, 22.8713

Triad

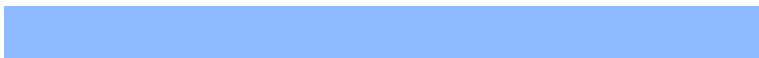
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.6185, 48.3247, 31.4374



33.8202, 48.3247, 37.7855



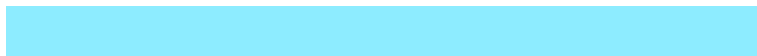
47.6467, 48.3247, 105.8205

Complementary

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



58.6185, 48.3247, 31.4374



59.0284, 72.8703, 105.5617

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.



40.4088, 48.3247, 100.9276



58.6185, 48.3247, 31.4374



32.9397, 48.3247, 57.6214

Square

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



58.6185, 48.3247, 31.4374



37.7733, 48.3247, 25.7708



35.2209, 48.3247, 81.6541



55.1864, 48.3247, 93.6191

Rectangle

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



58.6185, 48.3247, 31.4374



46.7775, 48.3247, 21.0114



35.2209, 48.3247, 81.6541



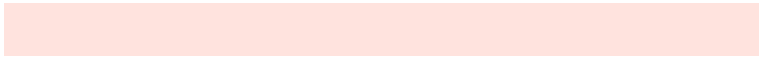
45.0951, 48.3247, 106.1616

Sweetspot

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



58.6197, 48.3271, 31.4383



81.9770, 81.6704, 80.4452



65.9053, 46.3662, 84.8328



17.1163, 16.8745, 16.2925



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.



58.6197, 48.3271, 31.4383



53.8843, 41.3828, 22.0699



70.8606, 72.8089, 35.5186



18.2540, 18.4762, 18.7485



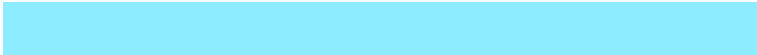
22.0622, 12.1356, 1.1796



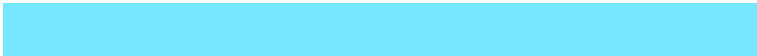
2.2136, 1.3125, 0.1367

Inverse Universe

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



59.0284, 72.8703, 105.5617



54.2952, 68.7601, 105.0181



45.1550, 45.1234, 100.9372



18.2819, 19.9355, 23.1343



21.8925, 28.6946, 53.8193



2.1970, 2.9246, 5.2620

Previews

White Background



This preview shows how the XYZ color 58.6185, 48.3247, 31.4374 looks on a white background.

Color Contrast Check

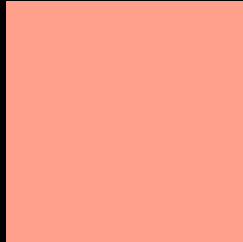
Large Text (above 18pt) WCAG AA × Fail

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 58.6185, 48.3247, 31.4374 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 58.6185, 48.3247, 31.4374

Background



This preview shows how black text looks on a background with the XYZ color 58.6185, 48.3247, 31.4374.



This preview shows how white text looks on a background with the XYZ color 58.6185, 48.3247,

31.4374.

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

58.6185, 48.3247, 31.4374

Protanopia

45.8637, 48.7336, 37.1262

Deuteranopia

49.5230, 48.3393, 30.7650



Tritanopia

60.3649, 48.2011, 43.1680

Trichromacy



Original Color

58.6185, 48.3247, 31.4374

Protanomaly

49.5654, 47.9723, 35.0810

Deuteranomaly

52.5018, 48.1457, 30.9520

Tritanomaly

59.6384, 48.1823, 38.5046

Monochromacy



Original Color

58.6185, 48.3247, 31.4374

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.8418, 48.1954, 44.7059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6185, 48.3247, 31.4374 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 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, 160, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 141) }
```

Border

The CSS property to change the border of an element to XYZ 58.6185, 48.3247, 31.4374 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, 141) }
```


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

```
.border{ border-color:rgb(255, 160, 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, 160, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6185, 48.3247, 31.4374 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, 141) }
```

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

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