

Converting Colors

XYZ(63.7471, 56.2959, 49.5080)

Have a look what the booklet for
XYZ(63.7471, 56.2959, 49.5080)
contains.

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Color

**XYZ(63.7815, 56.1809,
49.6018)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB4B2
RGB	250, 180, 178
RGB Percent	98%, 71%, 70%
CMY	0.0196, 0.2941, 0.3020
CMYK	0.00, 0.28, 0.29, 0.02
HSL	2°, 88%, 84%
HSV	2°, 29%, 98%
XYZ	63.7815, 56.1809, 49.6018
YIQ	200.7020, 42.3620, 14.2180

Conversions

Conversions Part 2

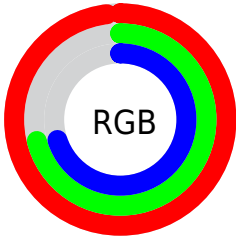
Format	Color
R _Y B	250, 180, 178
Decimal	16430258
CIE Lab	79.72, 25.17, 11.14
CIE LCh	80, 27.528, 23.869
Yxy	56.1809, 0.3761, 0.3313
Android (android.graphics.Color)	4294620338 (0xFFFAB4B2)
YUV	200.7020, -11.1921, 43.2343
Hunter-Lab	74.9539, 20.7239, 13.2318

Details

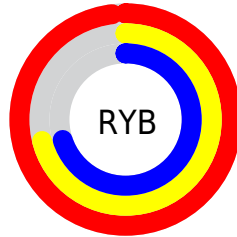
The XYZ color **63.7815, 56.1809, 49.6018** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.1817, 83.4991, 102.9134**, and the grayscale version is **55.3829, 58.2671, 63.4529**.

A 20% lighter version of the original color is **86.0867, 87.1914, 90.1343**, and **33.0293, 27.8659, 23.0399** is the 20% darker color. If you saturate the color by 10%, you get **57.0129, 46.3012, 36.0697**, and if you desaturate by 10%, it is **71.8708, 67.9692, 65.8321**.

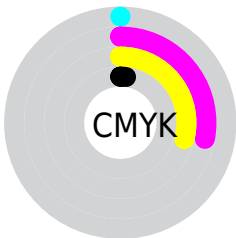
Distribution



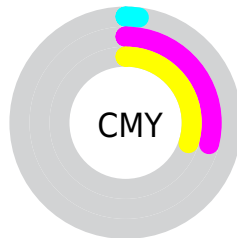
- Red (98%)
- Green (71%)
- Blue (70%)



- Red (98%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (28%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7815, 56.1809, 49.6018 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 63.7815, 56.1809, 49.6018 by changing the saturation by 10% instead.


 63.7815, 56.1809,
49.6018

 63.7815, 56.1809,
49.6018


428.0149,
410.3729, 401.7971

 46.7347, 40.3480,
34.7281


 109.3717, 99.2690,
90.9748

 33.0331, 27.8100,
23.1717

138.6458,
127.2930, 118.3113

 22.3111, 18.1825,
14.5138


172.7265,
160.1495, 150.6391

 14.2036, 11.0811,
8.3361

211.9790,
198.2228, 188.3767

 8.3450, 6.1214,
4.2199

256.7688,
241.8975, 231.9428

 4.3702, 2.9190,
1.7467


307.4611,


 1.9136, 1.0896,


291.5577, 281.7559


0.3925


364.4214,
347.5881, 338.2344


 0.5847, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 63.7815, 56.1809,
49.6018


 63.7815, 56.1809,
49.6018


 57.0129, 46.3012,
36.0697


 71.8708, 67.9692,
65.8321


 51.4908, 38.2225,
25.0863

 81.3408, 81.7508,
84.8921

 47.1403, 31.8386,
16.4932

 92.2536, 97.6146,
106.9089

 43.8769, 27.0287,
10.1124

 93.2344, 99.0640,
108.8150

■ 41.6048, 23.6566,
5.7417

■ 40.2114, 21.5625,
3.1413

■ 39.5481, 20.5451,
1.9674

■ 39.5000, 20.4752,
1.8702

Harmonies

Analogous

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



64.7466, 56.1809, 64.4996



63.7815, 56.1809, 49.6018



59.9520, 56.1809, 39.6285

Triad

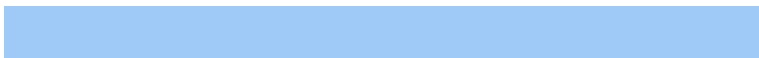
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.7815, 56.1809, 49.6018



45.2221, 56.1809, 44.8386



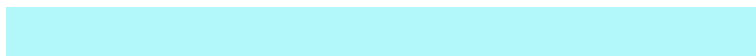
52.2647, 56.1809, 96.9356

Complementary

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



63.7815, 56.1809, 49.6018



69.1817, 83.4991, 102.9134

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.



47.3404, 56.1809, 89.3765



63.7815, 56.1809, 49.6018



43.4600, 56.1809, 57.9598

Square

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



63.7815, 56.1809, 49.6018



49.1888, 56.1809, 37.2307



44.2079, 56.1809, 74.4133



57.8412, 56.1809, 93.6528

Rectangle

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



63.7815, 56.1809, 49.6018



56.4234, 56.1809, 36.2252



44.2079, 56.1809, 74.4133



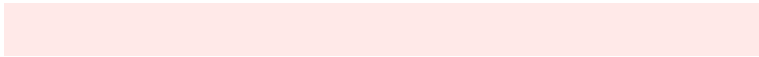
50.4832, 56.1809, 95.5422

Sweetspot

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



63.7830, 56.1835, 49.6029



84.8636, 85.1910, 88.3519



72.4128, 58.9924, 97.0294



17.8367, 17.7578, 18.2509



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.



63.7830, 56.1835, 49.6029



62.1462, 52.0963, 42.7364



71.8121, 72.2416, 52.2793



17.2834, 17.3026, 17.8912



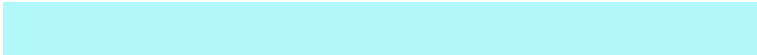
20.9690, 10.8946, 0.9977



1.9553, 1.0355, 0.0968

Inverse Universe

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



69.1817, 83.4991, 102.9134



68.6957, 85.2444, 107.4409



59.3599, 63.8556, 99.6395



17.7219, 19.5207, 22.2191



26.1782, 37.7119, 53.8729



2.4373, 3.5182, 4.9938

Previews

White Background



This preview shows how the XYZ color 63.7815, 56.1809, 49.6018 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 63.7815, 56.1809, 49.6018 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 63.7815, 56.1809, 49.6018

Background



This preview shows how black text looks on a background with the XYZ color 63.7815, 56.1809, 49.6018.



This preview shows how white text looks on a background with the XYZ color 63.7815, 56.1809,

49.6018.

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

63.7815, 56.1809, 49.6018

Protanopia

53.8377, 56.3577, 55.0543

Deuteranopia

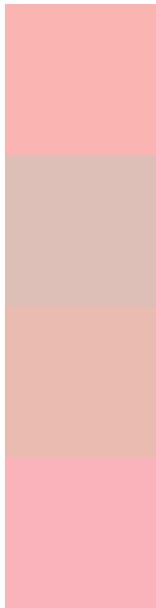
57.5186, 56.4037, 48.9297



Tritanopia

65.2185, 56.1558, 57.2709

Trichromacy



Original Color

63.7815, 56.1809, 49.6018

Protanomaly

57.1013, 56.0944, 53.1651

Deuteranomaly

59.6378, 56.2074, 49.3008

Tritanomaly

64.8734, 56.3373, 54.4687

Monochromacy



Original Color

63.7815, 56.1809, 49.6018

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.9090, 57.0503, 58.4117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7815, 56.1809, 49.6018 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(250, 180, 178)` looks like.

```
.text, #text, p{  
    color:rgb(250, 180, 178)  
}
```

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(250, 180, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 180, 178) }
```

Border

The CSS property to change the border of an element to XYZ 63.7815, 56.1809, 49.6018 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(250, 180, 178) }
```


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

```
.border{ border-color:rgb(250, 180, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 180, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 180, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 180, 178);  
box-shadow:4px 4px 4px 4px rgb(250, 180,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7815, 56.1809, 49.6018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 180, 178) }
```

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

```
.background{ background-color: rgb(250,  
180, 178) }
```

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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