

Converting Colors

XYZ(64.8473, 60.4574, 58.1810)

Have a look what the booklet for
XYZ(64.8473, 60.4574, 58.1810)
contains.

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Color

**XYZ(64.6397, 60.2058,
58.0832)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C0C0
RGB	241, 192, 192
RGB Percent	95%, 75%, 75%
CMY	0.0549, 0.2470, 0.2471
CMYK	0.00, 0.20, 0.20, 0.05
HSL	0°, 64%, 85%
HSV	0°, 20%, 95%
XYZ	64.6397, 60.2058, 58.0832
YIQ	206.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

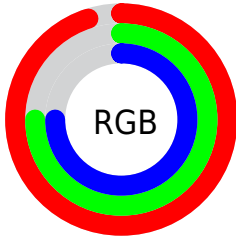
Format	Color
R_{YB}	241, 192, 192
Decimal	15843520
CIE _{Lab}	81.95, 17.50, 6.68
CIE _{LCh}	82, 18.732, 20.877
Yxy	60.2058, 0.3534, 0.3291
Android (android.graphics.Color)	4294033600 (0xFFFF1C0C0)
YUV	206.6510, -7.2229, 30.1241
Hunter-Lab	77.5924, 12.9158, 9.9321

Details

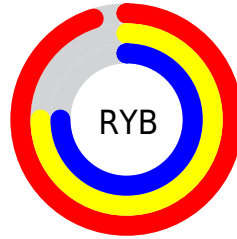
The XYZ color **64.6397, 60.2058, 58.0832** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0701, 80.4659, 95.1107**, and the grayscale version is **59.1169, 62.1955, 67.7309**.

A 20% lighter version of the original color is **92.0590, 95.7887, 102.4440**, and **33.5158, 30.2314, 28.4949** is the 20% darker color. If you saturate the color by 10%, you get **57.3202, 49.4956, 43.5301**, and if you desaturate by 10%, it is **73.2661, 72.8289, 75.2304**.

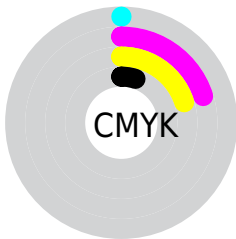
Distribution



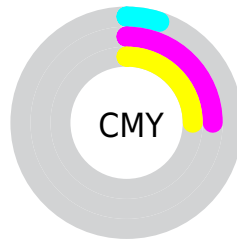
- Red (95%)
- Green (75%)
- Blue (75%)



- Red (95%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6397, 60.2058, 58.0832 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 64.6397, 60.2058, 58.0832 by changing the saturation by 10% instead.


 64.6397, 60.2058,
58.0832

 64.6397, 60.2058,
58.0832


431.0618,
425.3559, 435.1028

 47.4326, 43.5845,
41.4604


 110.6003,
105.1281, 103.5600

 33.5871, 30.3440,
28.3566


140.0845,
134.1980, 133.2510

 22.7380, 20.0999,
18.3533

174.3918,
168.1862, 168.1353

 14.5198, 12.4677,
11.0318

213.8875,
207.4771, 208.6312

 8.5672, 7.0630,
5.9738

258.9370,
252.4552, 255.1574

 4.5148, 3.5015,
2.7606


309.9056,

 1.9973, 1.3988,


303.5047, 308.1323


0.9738


367.1588,
361.0102, 367.9746


 0.6324, 0.2159,
0.0000


 0.0000, 0.0000,
0.0000


 64.6397, 60.2058,
58.0832


 64.6397, 60.2058,
58.0832


 57.3202, 49.4956,
43.5301


 73.2661, 72.8289,
75.2304

 51.2392, 40.5974,
31.4415

 83.2535, 87.4431,
95.0854

 46.3298, 33.4135,
21.6820

 90.0858, 97.4409,
108.6677

 42.5166, 27.8336,
14.1019

■ 39.7155, 23.7347,
8.5339

■ 37.8304, 20.9760,
4.7868

■ 36.7463, 19.3896,
2.6323

■ 36.2761, 18.7014,
1.6978

Harmonies

Analogous

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



65.0786, 60.2058, 69.0736



64.6397, 60.2058, 58.0832



62.1657, 60.2058, 50.0450

Triad

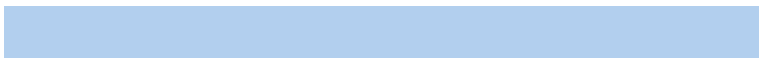
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.6397, 60.2058, 58.0832



51.5157, 60.2058, 52.7305



56.0247, 60.2058, 89.5371

Complementary

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



64.6397, 60.2058, 58.0832



69.0701, 80.4659, 95.1107

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.



52.5510, 60.2058, 83.9754



64.6397, 60.2058, 58.0832



50.0279, 60.2058, 62.1558

Square

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



64.6397, 60.2058, 58.0832



54.5521, 60.2058, 47.2113



50.3980, 60.2058, 73.6392



59.9814, 60.2058, 88.1212

Rectangle

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



64.6397, 60.2058, 58.0832



59.7555, 60.2058, 47.0280



50.3980, 60.2058, 73.6392



54.7647, 60.2058, 88.3998

Sweetspot

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



64.6413, 60.2086, 58.0844



87.9959, 89.6779, 94.8763



71.0031, 62.7517, 91.5896



18.6778, 18.9651, 19.9954



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.



64.6413, 60.2086, 58.0844



70.2037, 63.6431, 59.5055



70.4749, 71.8756, 60.0290



15.7730, 15.7591, 16.3602



19.6716, 10.1414, 0.9207



1.6365, 0.8437, 0.0766

Inverse Universe

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



69.0701, 80.4659, 95.1107



76.0051, 90.1794, 108.0082



62.3003, 66.9264, 92.8541



16.2473, 17.9287, 20.3259



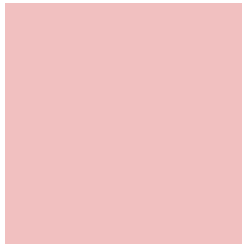
25.6639, 37.5521, 51.0235



2.1350, 3.1241, 4.2447

Previews

White Background



This preview shows how the XYZ color 64.6397, 60.2058, 58.0832 looks on a white background.

Color Contrast Check

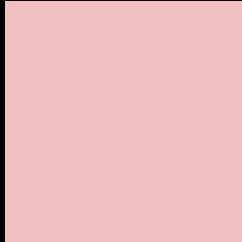
Large Text (above 18pt) WCAG AA × Fail

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 64.6397, 60.2058, 58.0832 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 64.6397, 60.2058, 58.0832

Background



This preview shows how black text looks on a background with the XYZ color 64.6397, 60.2058, 58.0832.



This preview shows how white text looks on a background with the XYZ color 64.6397, 60.2058,

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

64.6397, 60.2058, 58.0832

Protanopia

57.8435, 60.3444, 62.0250

Deuteranopia

61.6833, 60.3521, 57.6883



Tritanopia

66.3950, 60.2894, 65.8952

Trichromacy



Original Color

64.6397, 60.2058, 58.0832

Protanomaly

60.2060, 60.2045, 60.6720

Deuteranomaly

62.5233, 60.1154, 57.5983

Tritanomaly

65.6741, 60.3090, 62.8230

Monochromacy



Original Color

64.6397, 60.2058, 58.0832

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.9946, 61.5654, 64.5457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6397, 60.2058, 58.0832 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(241, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(241, 192, 192)  
}
```

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(241, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 192, 192) }
```

Border

The CSS property to change the border of an element to XYZ 64.6397, 60.2058, 58.0832 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(241, 192, 192) }
```


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

```
.border{ border-color:rgb(241, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(241, 192,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6397, 60.2058, 58.0832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 192, 192) }
```

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

```
.background{ background-color: rgb(241,  
192, 192) }
```

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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