

Converting Colors

XYZ(64.5736, 60.2982, 58.3382)

Have a look what the booklet for
XYZ(64.5736, 60.2982, 58.3382)
contains.

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Color

**XYZ(64.2992, 60.0303,
58.0672)**

Conversions

Conversions Part 1	
Format	Color
Hex	F0C0C0
RGB	240, 192, 192
RGB Percent	94%, 75%, 75%
CMY	0.0588, 0.2470, 0.2471
CMYK	0.00, 0.20, 0.20, 0.06
HSL	0°, 62%, 85%
HSV	0°, 20%, 94%
XYZ	64.2992, 60.0303, 58.0672
YIQ	206.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

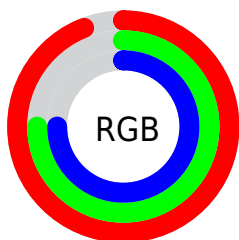
Format	Color
RYB	240, 192, 192
Decimal	15777984
CIELab	81.85, 17.14, 6.53
CIELCh	82, 18.340, 20.845
Yxy	60.0303, 0.3525, 0.3291
Android (android.graphics.Color)	4293968064 (0xFFFF0C0C0)
YUV	206.3520, -7.0755, 29.5093
Hunter-Lab	77.4792, 12.5467, 9.8003

Details

The XYZ color **64.2992, 60.0303, 58.0672** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.6257, 79.8157, 94.2275**, and the grayscale version is **58.9242, 61.9928, 67.5102**.

A 20% lighter version of the original color is **92.0590, 95.7887, 102.4440**, and **33.2771, 30.1083, 28.4837** is the 20% darker color. If you saturate the color by 10%, you get **57.0075, 49.3608, 43.5694**, and if you desaturate by 10%, it is **72.8870, 72.5969, 75.1377**.

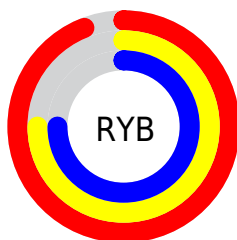
Distribution



Red (94%)

Green (75%)

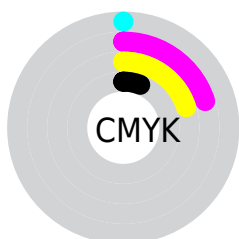
Blue (75%)



Red (94%)

Yellow (75%)

Blue (75%)

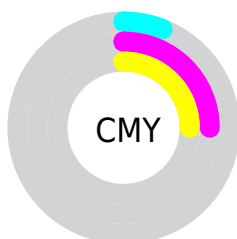


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (6%)



Cyan (6%)

Magenta (25%)


Yellow (25%)


Brightness & Saturation

Gradients


These gradients show how the XYZ color 64.2992, 60.0303, 58.0672 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 64.2992, 60.0303, 58.0672 by changing the saturation by 10% instead.


 64.2992, 60.0303,
58.0672

 64.2992, 60.0303,
58.0672


429.8544,
424.7094, 435.0415

 47.1556, 43.4431,
41.4476


 110.1130,
104.8736, 103.5365

 33.3672, 30.2329,
28.3467


139.5140,
133.8985, 133.2232

 22.5685, 20.0154,
18.3458


173.7316,
167.8380, 168.1028

 14.3941, 12.4063,
11.0266

213.1310,
207.0766, 208.5937

 8.4788, 7.0210,
5.9703

258.0776,
251.9987, 255.1145

 4.4572, 3.4752,
2.7585


308.9368,


 1.9639, 1.3846,


302.9885, 308.0837


0.9727


366.0740,
360.4307, 367.9199


 0.6136, 0.2053,
0.0000


 0.0000, 0.0000,
0.0000


 64.2992, 60.0303,
58.0672


 64.2992, 60.0303,
58.0672

 57.0075, 49.3608,
43.5694


 72.8870, 72.5969,
75.1377

 50.9443, 40.4887,
31.5161

 82.8242, 87.1377,
94.8931

 46.0436, 33.3174,
21.7738

 89.7453, 97.2653,
108.6517

 42.2309, 27.7384,
14.1948

■ 39.4235, 23.6302,
8.6143

■ 37.5266, 20.8542,
4.8438

■ 36.4273, 19.2455,
2.6590

■ 35.9356, 18.5259,
1.6819

■ 35.9356, 18.5258,
1.6818

Harmonies

Analogous

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



64.7251, 60.0303, 68.8131



64.2992, 60.0303, 58.0672



61.8868, 60.0303, 50.1877

Triad

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



64.2992, 60.0303, 58.0672



51.4779, 60.0303, 52.8063



55.8810, 60.0303, 88.7465

Complementary

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



64.2992, 60.0303, 58.0672



68.6257, 79.8157, 94.2275

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.



52.4853, 60.0303, 83.3246



64.2992, 60.0303, 58.0672



50.0198, 60.0303, 62.0298

Square

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



64.2992, 60.0303, 58.0672



54.4492, 60.0303, 47.3973



50.3801, 60.0303, 73.2452



59.7467, 60.0303, 87.3757

Rectangle

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



64.2992, 60.0303, 58.0672



59.5342, 60.0303, 47.2239



50.3801, 60.0303, 73.2452



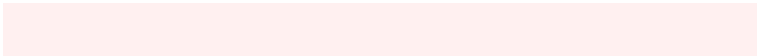
54.6495, 60.0303, 87.6371

Sweetspot

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



64.3008, 60.0330, 58.0684



87.9959, 89.6780, 94.8763



70.5135, 62.5165, 90.7889



18.6778, 18.9651, 19.9955



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.



64.3008, 60.0330, 58.0684



70.2038, 63.6433, 59.5055



70.0060, 71.4434, 59.9702



15.7730, 15.7591, 16.3602



19.6717, 10.1414, 0.9207



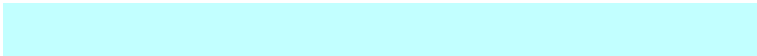
1.6365, 0.8438, 0.0766

Inverse Universe

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



68.6257, 79.8157, 94.2275



76.0050, 90.1792, 108.0082



62.0229, 66.6101, 92.0265



16.2473, 17.9287, 20.3259



25.6637, 37.5517, 51.0235



2.1350, 3.1240, 4.2447

Previews

White Background



This preview shows how the XYZ color 64.2992, 60.0303, 58.0672 looks on a white background.

Color Contrast Check

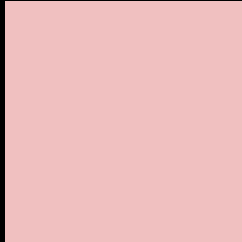
Large Text (above 18pt) WCAG AA × Fail

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 64.2992, 60.0303, 58.0672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

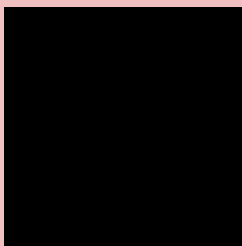
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2992, 60.0303, 58.0672

Background



This preview shows how black text looks on a background with the XYZ color 64.2992, 60.0303, 58.0672.

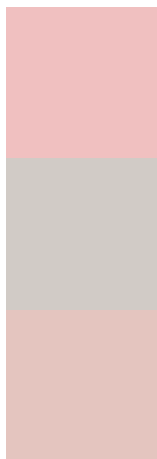


This preview shows how white text looks on a background with the XYZ color 64.2992, 60.0303,

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

64.2992, 60.0303, 58.0672

Protanopia

57.8435, 60.3444, 62.0250

Deuteranopia



61.3651, 60.1881, 57.6734






Tritanopia

66.0509, 60.1119, 65.8791

Trichromacy

	Original Color 64.2992, 60.0303, 58.0672
	Protanomaly 59.9024, 60.0480, 60.6578
	Deuteranomaly 62.1978, 59.9476, 57.5831
	Tritanomaly 65.3318, 60.1325, 62.8070

Monochromacy

	Original Color 64.2992, 60.0303, 58.0672
	Achromatopsia 58.6655, 61.7207, 67.2138
	Achromatomaly 60.3427, 60.8958, 63.8320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2992, 60.0303, 58.0672 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(240, 192, 192) looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 192, 192) }
```

Border

The CSS property to change the border of an element to XYZ 64.2992, 60.0303, 58.0672 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(240, 192, 192) }
```


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

```
.border{ border-color:rgb(240, 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(240, 192, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(240, 192,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2992, 60.0303, 58.0672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 192, 192) }
```

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

```
.background{ background-color: rgb(240,  
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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