

# Converting Colors

XYZ(60.4736, 59.5476, 72.4118)

Have a look what the booklet for  
XYZ(60.4736, 59.5476, 72.4118)  
contains.

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# Color

**XYZ(60.5509, 59.4377,  
72.5712)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8C5D7
RGB	216, 197, 215
RGB Percent	85%, 77%, 84%
CMY	0.1529, 0.2274, 0.1569
CMYK	0.00, 0.09, 0.00, 0.15
HSL	303°, 20%, 81%
HSV	303°, 9%, 85%
XYZ	60.5509, 59.4377, 72.5712
YIQ	204.7330, 5.5460, 9.6260

# Conversions

## Conversions Part 2

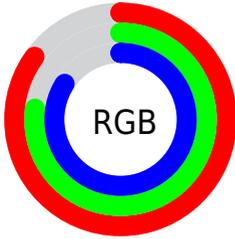
Format	Color
R <sub>Y</sub> B	216, 197, 215
Decimal	14206423
CIE Lab	81.53, 9.83, -6.54
CIE LCh	82, 11.811, 326.352
Yxy	59.4377, 0.3145, 0.3087
Android (android.graphics.Color)	4292396503 (0xFFD8C5D7)
YUV	204.7330, 5.0616, 9.8812
Hunter-Lab	77.0958, 5.2757, -1.8433

# Details

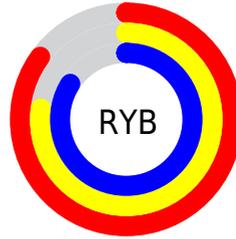
The XYZ color **60.5509, 59.4377, 72.5712** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7771, 65.0609, 62.9421**, and the grayscale version is **57.8266, 60.8381, 66.2526**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **30.8656, 29.7601, 37.3752** is the 20% darker color. If you saturate the color by 10%, you get **55.8485, 50.2650, 70.2858**, and if you desaturate by 10%, it is **65.9606, 70.0214, 75.0987**.

# Distribution



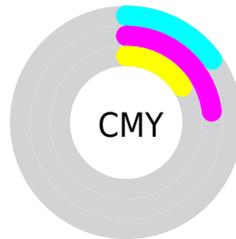
- Red (85%)
- Green (77%)
- Blue (84%)



- Red (85%)
- Yellow (77%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (23%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5509, 59.4377, 72.5712 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 60.5509, 59.4377, 72.5712 by changing the saturation by 10% instead.

60.5509, 59.4377,  
72.5712

60.5509, 59.4377,  
72.5712

416.4277,  
422.5220, 488.5582

44.1140, 42.9656,  
53.1357

104.7302,  
104.0135, 124.5835

30.9584, 29.8581,  
37.5227

133.2033,  
132.8861, 157.9975

20.7189, 19.7309,  
25.3135

166.4192,  
166.6608, 196.9080

13.0299, 12.1996,  
16.0896

204.7432,  
205.7222, 241.7337

7.5263, 6.8798,  
9.4325

248.5407,  
250.4546, 292.8930

3.8426, 3.3870,  
4.9237

298.1770,

1.6135, 1.3370,

301.2425, 350.8045

2.1446

354.0176,  
358.4701, 415.8867

■ 0.4012, 0.1696,  
0.6421

■ 0.0000, 0.0000,  
0.0000

■ 60.5509, 59.4377,  
72.5712

■ 60.5509, 59.4377,  
72.5712

■ 55.8485, 50.2650,  
70.2858

■ 65.9606, 70.0214,  
75.0987

■ 51.8183, 42.4361,  
68.2289

■ 72.1002, 82.0644,  
77.8739

■ 48.4303, 35.8900,  
66.3910

■ 76.7884, 91.2028,  
80.1703

■ 45.6500, 30.5576,  
64.7606

■ 76.9382, 91.2627,  
80.9589

43.4397, 26.3637,  
63.3252

77.0889, 91.3230,  
81.7529

41.7576, 23.2245,  
62.0708

77.2407, 91.3837,  
82.5523

40.5561, 21.0448,  
60.9816

77.3936, 91.4449,  
83.3571

39.7790, 19.7124,  
60.0388

77.5474, 91.5064,  
84.1674

39.3387, 19.0521,  
59.2132

77.7023, 91.5684,  
84.9831

# Harmonies

## Analogous

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



58.6338, 59.4377, 77.7222



60.5509, 59.4377, 72.5712



61.3800, 59.4377, 65.5890

# Triad

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



60.5509, 59.4377, 72.5712



56.7972, 59.4377, 52.0403



52.3336, 59.4377, 70.9613

# Complementary

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



60.5509, 59.4377, 72.5712



57.7771, 65.0609, 62.9421

# 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.



51.8739, 59.4377, 63.8538



60.5509, 59.4377, 72.5712



54.4064, 59.4377, 53.2511

# Square

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



60.5509, 59.4377, 72.5712



59.1733, 59.4377, 54.0165



52.6220, 59.4377, 57.4520



53.8963, 59.4377, 76.7460

# Rectangle

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



60.5509, 59.4377, 72.5712



61.1869, 59.4377, 60.9537



52.6220, 59.4377, 57.4520



52.0470, 59.4377, 68.6332

# Sweetspot

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



60.5526, 59.4403, 72.5725



92.5931, 95.1899, 107.7614



55.6390, 56.8923, 73.0156



19.6817, 20.1064, 23.0014



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.



60.5526, 59.4403, 72.5725



86.5085, 83.2961, 104.8842



59.3731, 58.9685, 66.3612



12.9235, 12.6209, 15.5372



23.2706, 11.2445, 35.0584



1.4124, 0.6818, 2.1611



# Inverse Universe

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



60.5526, 59.4403, 72.5725



86.5085, 83.2961, 104.8842



58.9015, 65.5107, 68.8627



12.9235, 12.6209, 15.5372



23.2706, 11.2445, 35.0584



1.4124, 0.6818, 2.1611



# Previews

## White Background



This preview shows how the XYZ color 60.5509, 59.4377, 72.5712 looks on a white background.

## Color Contrast Check

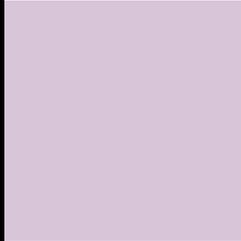
Large Text (above 18pt) WCAG AA × Fail

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 60.5509, 59.4377, 72.5712 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

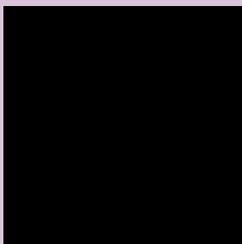
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 60.5509, 59.4377, 72.5712**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.5509, 59.4377, 72.5712.



This preview shows how white text looks on a background with the XYZ color 60.5509, 59.4377,



# 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

60.5509, 59.4377, 72.5712

### Protanopia

57.8987, 59.3918, 74.7418

### Deuteranopia

60.8473, 59.5905, 72.5851



## Tritanopia

60.2954, 59.3355, 71.2258

# Trichromacy



## Original Color

60.5509, 59.4377, 72.5712

## Protanomaly

58.9108, 59.5837, 74.0415

## Deuteranomaly

60.8473, 59.5905, 72.5851

## Tritanomaly

60.4228, 59.3865, 71.8964

# Monochromacy



## Original Color

60.5509, 59.4377, 72.5712

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

58.9236, 60.3998, 68.8743

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.5509, 59.4377, 72.5712 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(216, 197, 215) looks like.

```
.text, #text, p{  
    color:rgb(216, 197, 215)  
}
```

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(216, 197, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 197, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 60.5509, 59.4377, 72.5712 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(216, 197, 215) }
```

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

```
.border{ border-color:rgb(216, 197, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 197, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 197, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 197, 215);  
box-shadow:4px 4px 4px 4px rgb(216, 197,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.5509, 59.4377, 72.5712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 197, 215) }
```

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

```
.background{ background-color: rgb(216,  
197, 215) }
```

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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