

Converting Colors

XYZ(59.6467, 57.3582, 70.2149)

Have a look what the booklet for
XYZ(59.6467, 57.3582, 70.2149)
contains.

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Color

**XYZ(59.6467, 57.3582,
70.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC0D4
RGB	218, 192, 212
RGB Percent	85%, 75%, 83%
CMY	0.1451, 0.2470, 0.1686
CMYK	0.00, 0.12, 0.03, 0.15
HSL	314°, 26%, 80%
HSV	314°, 12%, 85%
XYZ	59.6467, 57.3582, 70.2149
YIQ	202.0540, 9.0760, 11.7320

Conversions

Conversions Part 2

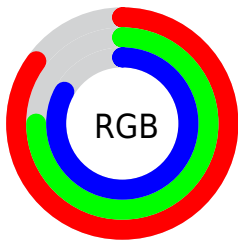
Format	Color
R_{YB}	218, 192, 212
Decimal	14336212
CIE _{Lab}	80.38, 12.64, -6.62
CIE _{LCh}	80, 14.268, 332.370
Yxy	57.3582, 0.3186, 0.3064
Android (android.graphics.Color)	4292526292 (0xFFDAC0D4)
YUV	202.0540, 4.9034, 13.9846
Hunter-Lab	75.7352, 8.0445, -1.9537

Details

The XYZ color **59.6467, 57.3582, 70.2149** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0048, 65.4279, 63.0535**, and the grayscale version is **56.1405, 59.0642, 64.3209**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **30.2785, 28.3978, 35.7838** is the 20% darker color. If you saturate the color by 10%, you get **54.5858, 48.2355, 65.4456**, and if you desaturate by 10%, it is **65.4397, 67.9117, 75.3272**.

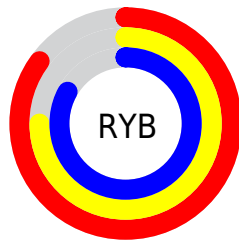
Distribution



Red (85%)

Green (75%)

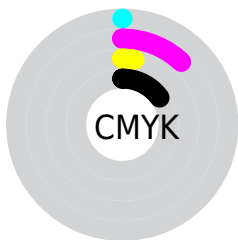
Blue (83%)



Red (85%)

Yellow (75%)

Blue (83%)

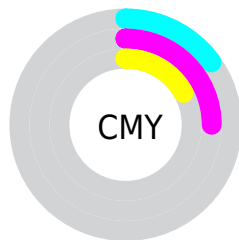


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (15%)



Cyan (15%)


Magenta (25%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6467, 57.3582, 70.2149 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 59.6467, 57.3582, 70.2149 by changing the saturation by 10% instead.


 59.6467, 57.3582,
70.2149

 59.6467, 57.3582,
70.2149

413.1499,
414.7902, 480.1137

 43.3823, 41.2929,
51.2239


 103.4263,
100.9877, 121.1992

 30.3810, 28.5480,
36.0088


131.6721,
129.3206, 154.0295

 20.2775, 18.7392,
24.1513


164.6425,
162.5116, 192.3099

 12.7063, 11.4820,
15.2326

202.7028,
200.9449, 236.4591

 7.3022, 6.3920,
8.8344

246.2183,
245.0050, 286.8955

 3.6998, 3.0849,
4.5380

295.5545,

 1.5338, 1.1762,

295.0764, 344.0377

1.9249

351.0765,
351.5433, 408.3043

■ 0.3486, 0.0421,
0.5085

■ 0.0000, 0.0000,
0.0000

■ 59.6467, 57.3582,
70.2149

■ 59.6467, 57.3582,
70.2149

■ 54.5858, 48.2355,
65.4456

■ 65.4397, 67.9117,
75.3272

■ 50.2207, 40.4740,
61.0043

■ 71.9891, 79.9469,
80.7893

■ 46.5196, 34.0094,
56.8802

■ 78.5520, 91.9769,
86.3553

■ 43.4461, 28.7693,
53.0602

■ 79.2573, 92.2590,
90.0688

40.9604, 24.6740,
49.5302

79.9829, 92.5493,
93.8902

39.0176, 21.6346,
46.2742

80.7292, 92.8478,
97.8202

37.5667, 19.5490,
43.2744

81.4964, 93.1546,
101.8598

36.5461, 18.2945,
40.5091

82.2844, 93.4699,
106.0098

35.9525, 17.7211,
38.4189

82.7237, 93.6456,
108.3231

Harmonies

Analogous

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



57.5801, 57.3582, 77.0497



59.6467, 57.3582, 70.2149



60.3243, 57.3582, 61.7906

Triad

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



59.6467, 57.3582, 70.2149



54.2853, 57.3582, 47.7196



49.9093, 57.3582, 71.4679

Complementary

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



59.6467, 57.3582, 70.2149



57.0048, 65.4279, 63.0535

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.



49.0954, 57.3582, 63.1208



59.6467, 57.3582, 70.2149



51.5649, 57.3582, 49.8277

Square

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



59.6467, 57.3582, 70.2149



57.1640, 57.3582, 49.2577



49.6906, 57.3582, 55.2859



51.9535, 57.3582, 77.8173

Rectangle

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



59.6467, 57.3582, 70.2149



59.8783, 57.3582, 56.5289



49.6906, 57.3582, 55.2859



49.4861, 57.3582, 68.7779

Sweetspot

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



59.6484, 57.3607, 70.2161



91.5052, 93.5132, 105.8600



54.6991, 54.7202, 74.0095



19.4474, 19.7628, 22.5380



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.



59.6484, 57.3607, 70.2161



83.4014, 78.7803, 98.6125



58.1164, 56.7479, 62.1492



13.4791, 13.2207, 15.7843



21.5821, 10.6339, 23.2433



1.4302, 0.7017, 1.6741

Inverse Universe

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



59.6484, 57.3607, 70.2161



83.4014, 78.7803, 98.6125



58.5234, 66.0354, 71.0503



13.4791, 13.2207, 15.7843



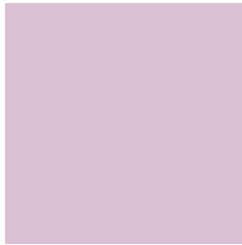
21.5821, 10.6339, 23.2433



1.4302, 0.7017, 1.6741

Previews

White Background



This preview shows how the XYZ color 59.6467, 57.3582, 70.2149 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 59.6467, 57.3582, 70.2149 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 59.6467, 57.3582, 70.2149

Background



This preview shows how black text looks on a background with the XYZ color 59.6467, 57.3582, 70.2149.



This preview shows how white text looks on a background with the XYZ color 59.6467, 57.3582,

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

59.6467, 57.3582, 70.2149

Protanopia

55.8775, 57.3518, 73.0907

Deuteranopia

58.6160, 57.4832, 70.2933



Tritanopia

59.0704, 57.4457, 67.6493

Trichromacy



Original Color

59.6467, 57.3582, 70.2149

Protanomaly

57.1825, 57.3653, 72.3487

Deuteranomaly

58.9780, 57.3405, 70.2467

Tritanomaly

59.1939, 57.4951, 68.2994

Monochromacy



Original Color

59.6467, 57.3582, 70.2149

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.3471, 58.2543, 66.6142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6467, 57.3582, 70.2149 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(218, 192, 212)` looks like.

```
.text, #text, p{  
    color:rgb(218, 192, 212)  
}
```

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(218, 192, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 192, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.6467, 57.3582, 70.2149 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(218, 192, 212) }
```


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

```
.border{ border-color:rgb(218, 192, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 192, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 192, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 192, 212);  
box-shadow:4px 4px 4px 4px rgb(218, 192,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6467, 57.3582, 70.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 192, 212) }
```

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

```
.background{ background-color: rgb(218,  
192, 212) }
```

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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