

Converting Colors

XYZ(57.8219, 59.0522, 72.6407)

Have a look what the booklet for
XYZ(57.8219, 59.0522, 72.6407)
contains.

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Color

**XYZ(57.8219, 59.0522,
72.6407)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC8D7
RGB	204, 200, 215
RGB Percent	80%, 78%, 84%
CMY	0.2000, 0.2157, 0.1569
CMYK	0.05, 0.07, 0.00, 0.16
HSL	256°, 16%, 81%
HSV	256°, 7%, 84%
XYZ	57.8219, 59.0522, 72.6407
YIQ	202.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

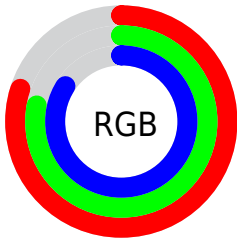
Format	Color
R_{YB}	204, 200, 215
Decimal	13420759
CIE _{Lab}	81.32, 4.18, -6.96
CIE _{LCh}	81, 8.122, 300.971
Yxy	59.0522, 0.3051, 0.3116
Android (android.graphics.Color)	4291610839 (0xFFCCC8D7)
YUV	202.9060, 5.9623, 0.9594
Hunter-Lab	76.8454, -0.1682, -2.2540

Details

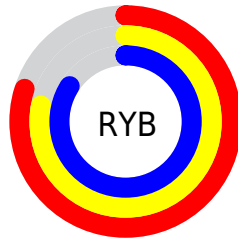
The XYZ color **57.8219, 59.0522, 72.6407** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5919, 66.6215, 64.2594**, and the grayscale version is **56.6721, 59.6234, 64.9299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2017, 29.5799, 37.4281** is the 20% darker color. If you saturate the color by 10%, you get **49.0832, 47.6692, 70.9050**, and if you desaturate by 10%, it is **67.7019, 72.0662, 74.6328**.

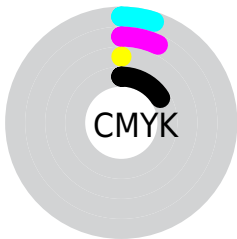
Distribution



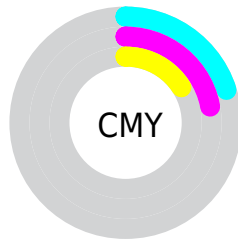
- Red (80%)
- Green (78%)
- Blue (84%)



- Red (80%)
- Yellow (78%)
- Blue (84%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8219, 59.0522, 72.6407 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 57.8219, 59.0522, 72.6407 by changing the saturation by 10% instead.

■ 57.8219, 59.0522,
72.6407

■ 57.8219, 59.0522,
72.6407

406.4865,
421.0953, 488.8059

■ 41.9082, 42.6551,
53.1922

100.7879,
103.4535, 124.6832

■ 29.2202, 29.6146,
37.5674

128.5709,
132.2266, 158.1142

■ 19.3926, 19.5463,
25.3479

161.0411,
165.8938, 197.0432

■ 12.0600, 12.0657,
16.1151

198.5638,
204.8395, 241.8887

■ 6.8570, 6.7884,
9.4504

241.5043,
249.4481, 293.0691

■ 3.4184, 3.3301,
4.9353

290.2280,

■ 1.3787, 1.3064,

300.1040, 351.0031

2.1513

345.1003,
357.1916, 416.1092

■ 0.2410, 0.1462,
0.6460

■ 0.0000, 0.0000,
0.0000

■ 57.8219, 59.0522,
72.6407

■ 57.8219, 59.0522,
72.6407

■ 49.0832, 47.6692,
70.9050

■ 67.7019, 72.0662,
74.6328

■ 41.4386, 37.8449,
69.4117

■ 78.7579, 86.7649,
76.8872

■ 34.8452, 29.5126,
68.1509

■ 87.9216, 96.9933,
78.3786

■ 29.2552, 22.5979,
67.1108

■ 89.2659, 97.6864,
78.4415

■ 24.6168, 17.0198,
66.2786

■ 20.8735, 12.6890,
65.6400

■ 17.9621, 9.5047,
65.1788

■ 15.8105, 7.3502,
64.8764

■ 14.3279, 6.0741,
64.7082

Harmonies

Analogous

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



56.1826, 59.0522, 74.0929



57.8219, 59.0522, 72.6407



59.0266, 59.0522, 68.9360

Triad

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



57.8219, 59.0522, 72.6407



57.7243, 59.0522, 56.4742



52.9302, 59.0522, 64.4562

Complementary

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



57.8219, 59.0522, 72.6407



61.5919, 66.6215, 64.2594

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.



53.3246, 59.0522, 59.8725



57.8219, 59.0522, 72.6407



56.0721, 59.0522, 55.4064

Square

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



57.8219, 59.0522, 72.6407



58.9695, 59.0522, 59.6115



54.4662, 59.0522, 56.6195



53.3780, 59.0522, 69.2235

Rectangle

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



57.8219, 59.0522, 72.6407



59.4092, 59.0522, 65.7743



54.4662, 59.0522, 56.6195



52.9686, 59.0522, 62.8436

Sweetspot

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



57.8236, 59.0547, 72.6420



92.0817, 96.0865, 108.3011



59.4436, 63.9003, 73.4919



19.7404, 20.6075, 23.1872



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.



57.8236, 59.0547, 72.6420



83.5918, 84.9397, 106.5970



59.8576, 60.1033, 72.7372



12.0500, 12.1672, 15.6509



8.4424, 3.5047, 38.6847



0.5880, 0.2520, 2.3370

Inverse Universe

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



60.4385, 60.4614, 70.1156



88.0207, 87.3226, 102.2991



59.5611, 65.5746, 64.1644



12.8052, 12.5736, 14.9142



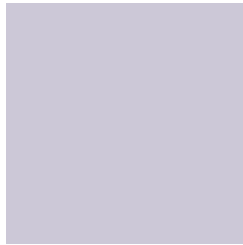
20.4836, 10.1298, 20.3825



1.2689, 0.6244, 1.4056

Previews

White Background



This preview shows how the XYZ color 57.8219, 59.0522, 72.6407 looks on a white background.

Color Contrast Check

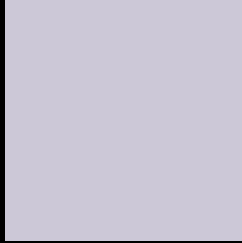
Large Text (above 18pt) WCAG AA × Fail

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 57.8219, 59.0522, 72.6407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

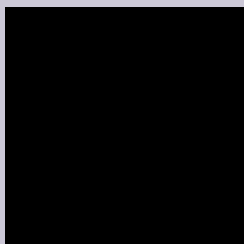
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8219, 59.0522, 72.6407

Background



This preview shows how black text looks on a background with the XYZ color 57.8219, 59.0522, 72.6407.

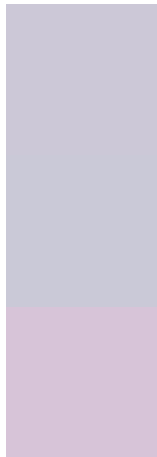


This preview shows how white text looks on a background with the XYZ color 57.8219, 59.0522,

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

57.8219, 59.0522, 72.6407

Protanopia

57.5095, 59.2361, 72.6926

Deuteranopia

60.1589, 58.8848, 73.1609



Tritanopia

57.9508, 59.1038, 73.3196

Trichromacy



Original Color

57.8219, 59.0522, 72.6407

Protanomaly

57.7810, 59.3761, 72.7053

Deuteranomaly

59.2249, 58.7393, 73.1821

Tritanomaly

57.9508, 59.1038, 73.3196

Monochromacy



Original Color

57.8219, 59.0522, 72.6407

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.0116, 59.4426, 67.5002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8219, 59.0522, 72.6407 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(204, 200, 215) looks like.

```
.text, #text, p{  
    color:rgb(204, 200, 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(204, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 200, 215) }
```

Border

The CSS property to change the border of an element to XYZ 57.8219, 59.0522, 72.6407 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(204, 200, 215) }
```


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

```
.border{ border-color:rgb(204, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(204, 200,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8219, 59.0522, 72.6407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 200, 215) }
```

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

```
.background{ background-color: rgb(204,  
200, 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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