

Converting Colors

XYZ(58.0118, 59.4547, 72.8399)

Have a look what the booklet for
XYZ(58.0118, 59.4547, 72.8399)
contains.

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Color

**XYZ(58.0542, 59.5170,
72.7181)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC9D7
RGB	204, 201, 215
RGB Percent	80%, 79%, 84%
CMY	0.2000, 0.2117, 0.1569
CMYK	0.05, 0.07, 0.00, 0.16
HSL	253°, 15%, 82%
HSV	253°, 7%, 84%
XYZ	58.0542, 59.5170, 72.7181
YIQ	203.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

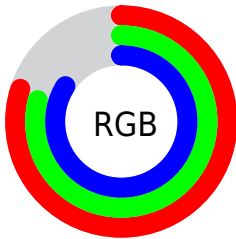
Format	Color
R _Y B	204, 201, 215
Decimal	13421015
CIE Lab	81.57, 3.65, -6.59
CIE LCh	82, 7.530, 298.982
Yxy	59.5170, 0.3051, 0.3128
Android (android.graphics.Color)	4291611095 (0xFFCCC9D7)
YUV	203.4930, 5.6730, 0.4446
Hunter-Lab	77.1473, -0.6844, -1.8830

Details

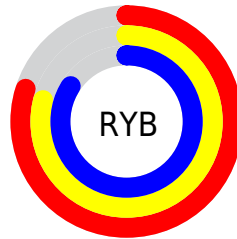
The XYZ color **58.0542, 59.5170, 72.7181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9968, 66.8166, 64.8907**, and the grayscale version is **57.0428, 60.0135, 65.3547**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3566, 29.8895, 37.4797** is the 20% darker color. If you saturate the color by 10%, you get **49.0064, 47.9272, 70.9588**, and if you desaturate by 10%, it is **68.3095, 72.7739, 74.7373**.

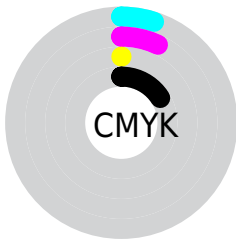
Distribution



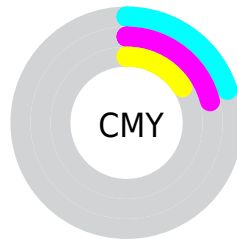
- Red (80%)
- Green (79%)
- Blue (84%)



- Red (80%)
- Yellow (79%)
- Blue (84%)



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



- Cyan (20%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0542, 59.5170, 72.7181 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 58.0542, 59.5170, 72.7181 by changing the saturation by 10% instead.

■ 58.0542, 59.5170,
72.7181

■ 58.0542, 59.5170,
72.7181

407.3385,
422.8152, 489.0818

■ 42.0957, 43.0294,
53.2551

101.1243,
104.1287, 124.7941

■ 29.3676, 29.9082,
37.6173

128.9666,
133.0216, 158.2442

■ 19.5048, 19.7689,
25.3863

161.5008,
166.8185, 197.1937

■ 12.1418, 12.2272,
16.1434

199.0923,
205.9036, 242.0612

■ 6.9132, 6.8986,
9.4703

242.1064,
250.6615, 293.2653

■ 3.4537, 3.3988,
4.9482

290.9086,

■ 1.3980, 1.3433,

301.4764, 351.2243

2.1587

345.8642,
358.7328, 416.3570

■ 0.2548, 0.1744,
0.6504

■ 0.0000, 0.0000,
0.0000

■ 58.0542, 59.5170,
72.7181

■ 58.0542, 59.5170,
72.7181

■ 49.0064, 47.9272,
70.9588

■ 68.3095, 72.7739,
74.7373

■ 41.1159, 37.9308,
69.4452

■ 79.8096, 87.7527,
77.0224

■ 34.3367, 29.4596,
68.1674

■ 89.1531, 97.6282,
78.4361

■ 28.6176, 22.4377,
67.1135

■ 89.2659, 97.6864,
78.4414

■ 23.9033, 16.7824,
66.2703

■ 20.1333, 12.4027,
65.6237

■ 17.2403, 9.1961,
65.1572

■ 15.1471, 7.0441,
64.8522

■ 13.7597, 5.7974,
64.6846

Harmonies

Analogous

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



56.5152, 59.5170, 73.8997



58.0542, 59.5170, 72.7181



59.2133, 59.5170, 69.3923

Triad

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



58.0542, 59.5170, 72.7181



58.1494, 59.5170, 57.6286



53.5852, 59.5170, 64.6495

Complementary

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



58.0542, 59.5170, 72.7181



61.9968, 66.8166, 64.8907

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.



54.0049, 59.5170, 60.4224



58.0542, 59.5170, 72.7181



56.6231, 59.5170, 56.4868

Square

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



58.0542, 59.5170, 72.7181



59.2689, 59.5170, 60.6782



55.1096, 59.5170, 57.4858



53.9526, 59.5170, 69.1125

Rectangle

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



58.0542, 59.5170, 72.7181



59.6043, 59.5170, 66.4812



55.1096, 59.5170, 57.4858



53.6387, 59.5170, 63.1550

Sweetspot

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



58.0559, 59.5195, 72.7194



91.9853, 96.0368, 108.2966



59.9487, 64.5126, 73.5834



19.7208, 20.5973, 23.1862



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.



58.0559, 59.5195, 72.7194



83.2295, 84.7529, 106.5800



59.9611, 60.5017, 72.8086



11.9887, 12.1356, 15.6480



8.0842, 3.3201, 38.6679



0.5587, 0.2369, 2.3356

Inverse Universe

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



60.7968, 60.9766, 70.8559



88.1886, 87.3898, 103.1833



60.0771, 65.8270, 64.8009



12.8339, 12.5850, 15.0654



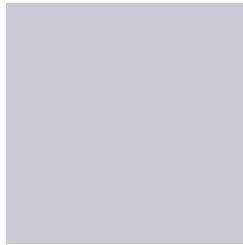
21.0841, 10.3700, 23.5446



1.3007, 0.6371, 1.5730

Previews

White Background



This preview shows how the XYZ color 58.0542, 59.5170, 72.7181 looks on a white background.

Color Contrast Check

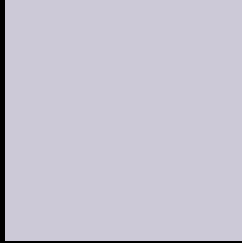
Large Text (above 18pt) WCAG AA × Fail

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 58.0542, 59.5170, 72.7181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

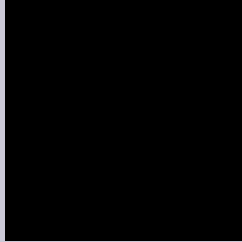
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0542, 59.5170, 72.7181

Background



This preview shows how black text looks on a background with the XYZ color 58.0542, 59.5170, 72.7181.

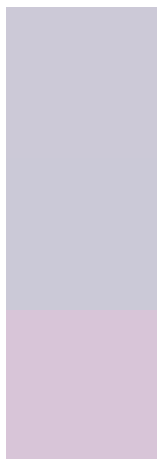


This preview shows how white text looks on a background with the XYZ color 58.0542, 59.5170,

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

58.0542, 59.5170, 72.7181

Protanopia

57.7810, 59.3761, 72.7053

Deuteranopia

60.6798, 59.4893, 73.2502



Tritanopia

58.3129, 59.6204, 74.0801

Trichromacy



Original Color

58.0542, 59.5170, 72.7181

Protanomaly

57.7810, 59.3761, 72.7053

Deuteranomaly

59.7401, 59.3431, 73.2715

Tritanomaly

58.1832, 59.5685, 73.3970

Monochromacy



Original Color

58.0542, 59.5170, 72.7181

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 58.0542, 59.5170, 72.7181 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, 201, 215) looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 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, 201, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 215) }
```

Border

The CSS property to change the border of an element to XYZ 58.0542, 59.5170, 72.7181 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, 201, 215) }
```


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

```
.border{ border-color:rgb(204, 201, 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, 201, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 215);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0542, 59.5170, 72.7181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 215) }
```

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

```
.background{ background-color: rgb(204,  
201, 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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