

Converting Colors

XYZ(57.1481, 59.1229, 69.3726)

Have a look what the booklet for
XYZ(57.1481, 59.1229, 69.3726)
contains.

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Color

**XYZ(57.1481, 59.1229,
69.3726)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC9D2
RGB	203, 201, 210
RGB Percent	80%, 79%, 82%
CMY	0.2039, 0.2117, 0.1765
CMYK	0.03, 0.04, 0.00, 0.18
HSL	253°, 9%, 81%
HSV	253°, 4%, 82%
XYZ	57.1481, 59.1229, 69.3726
YIQ	202.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

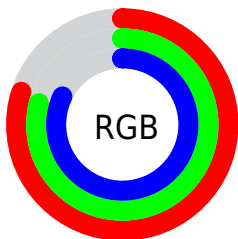
Format	Color
RYB	203, 201, 210
Decimal	13355474
CIELab	81.36, 2.36, -4.24
CIELCh	81, 4.849, 299.126
Yxy	59.1229, 0.3078, 0.3185
Android (android.graphics.Color)	4291545554 (0xFFCBC9D2)
YUV	202.6240, 3.6364, 0.3298
Hunter-Lab	76.8914, -1.8932, 0.3317

Details

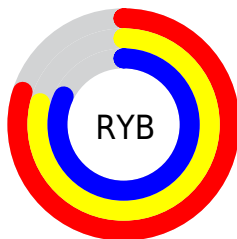
The XYZ color **57.1481, 59.1229, 69.3726** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6038, 63.7217, 64.4193**, and the grayscale version is **56.5091, 59.4520, 64.7432**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.8289, 29.6573, 35.6575** is the 20% darker color. If you saturate the color by 10%, you get **48.3663, 47.8199, 67.6546**, and if you desaturate by 10%, it is **67.0716, 72.0113, 71.3382**.

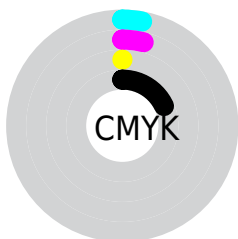
Distribution



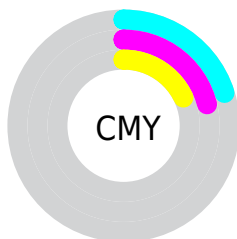
- Red (80%)
- Green (79%)
- Blue (82%)



- Red (80%)
- Yellow (79%)
- Blue (82%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1481, 59.1229, 69.3726 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 57.1481, 59.1229, 69.3726 by changing the saturation by 10% instead.

■ 57.1481, 59.1229,
69.3726

■ 57.1481, 59.1229,
69.3726

404.0092,
421.3572, 477.0735

■ 41.3648, 42.7121,
50.5416

99.8114, 103.5563,
119.9863

■ 28.7931, 29.6593,
35.4697

127.4220,
132.3476, 152.6061

■ 19.0679, 19.5801,
23.7385

159.7058,
166.0345, 190.6592

■ 11.8236, 12.0902,
14.9293

197.0281,
205.0015, 234.5641

■ 6.6950, 6.8051,
8.6237

239.7542,
249.6328, 284.7395

■ 3.3167, 3.3405,
4.4031

288.2495,

■ 1.3234, 1.3120,

300.3129, 341.6038

1.8490

342.8794,
357.4263, 405.5756

■ 0.2006, 0.1505,
0.4600

■ 0.0000, 0.0000,
0.0000

■ 57.1481, 59.1229,
69.3726

■ 57.1481, 59.1229,
69.3726

■ 48.3663, 47.8199,
67.6546

■ 67.0716, 72.0113,
71.3382

■ 40.6796, 38.0332,
66.1708

■ 78.1709, 86.5354,
73.5566

■ 34.0456, 29.6999,
64.9119

■ 87.5446, 96.8721,
75.0578

■ 28.4175, 22.7499,
63.8671

■ 88.6330, 97.4332,
75.1087

■ 23.7445, 17.1068,
63.0241

■ 19.9713, 12.6872,
62.3699

■ 17.0367, 9.3974,
61.8896

■ 14.8711, 7.1300,
61.5661

■ 13.3927, 5.7556,
61.3787

Harmonies

Analogous

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



56.1648, 59.1229, 70.1161



57.1481, 59.1229, 69.3726



57.8833, 59.1229, 67.2805

Triad

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



57.1481, 59.1229, 69.3726



57.2002, 59.1229, 59.7039



54.2691, 59.1229, 64.2897

Complementary

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



57.1481, 59.1229, 69.3726



59.6038, 63.7217, 64.4193

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.



54.5390, 59.1229, 61.5540



57.1481, 59.1229, 69.3726



56.2243, 59.1229, 58.9558

Square

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



57.1481, 59.1229, 69.3726



57.9136, 59.1229, 61.6972



55.2517, 59.1229, 59.6230



54.5099, 59.1229, 67.1288

Rectangle

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



57.1481, 59.1229, 69.3726



58.1295, 59.1229, 65.4331



55.2517, 59.1229, 59.6230



54.3030, 59.1229, 63.3280

Sweetspot

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



57.1498, 59.1254, 69.3739



93.5157, 98.0094, 108.5966



58.2903, 62.2085, 69.9089



20.0324, 20.9990, 23.2473



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.



57.1498, 59.1254, 69.3739



87.5607, 90.3001, 107.4225



58.3795, 59.7593, 69.4314



12.1394, 12.4885, 15.0144



7.8717, 3.2383, 37.4027



0.5101, 0.2171, 2.0946

Inverse Universe

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



58.8522, 60.0316, 68.1628



90.6642, 91.9522, 105.2068



58.3698, 63.0855, 64.3615



12.6227, 12.7458, 14.6684



20.3054, 9.9950, 22.3119



1.1637, 0.5702, 1.3971

Previews

White Background



This preview shows how the XYZ color 57.1481, 59.1229, 69.3726 looks on a white background.

Color Contrast Check

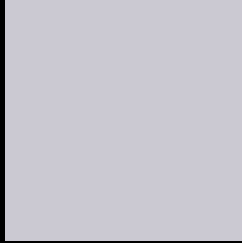
Large Text (above 18pt) WCAG AA × Fail

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 57.1481, 59.1229, 69.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

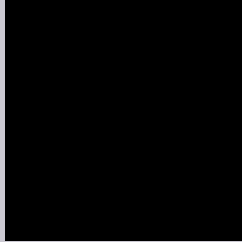
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

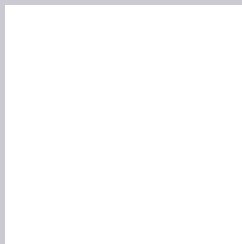
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1481, 59.1229, 69.3726

Background



This preview shows how black text looks on a background with the XYZ color 57.1481, 59.1229, 69.3726.

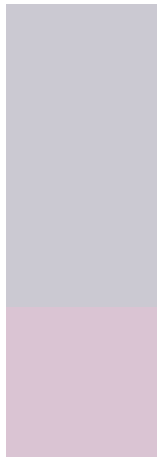


This preview shows how white text looks on a background with the XYZ color 57.1481, 59.1229,

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

57.1481, 59.1229, 69.3726

Protanopia

57.1481, 59.1229, 69.3726

Deuteranopia

60.4112, 59.0884, 69.8492



Tritanopia

57.9508, 59.1038, 73.3196

Trichromacy



Original Color

57.1481, 59.1229, 69.3726

Protanomaly

57.1481, 59.1229, 69.3726

Deuteranomaly

59.3925, 59.2374, 69.9317

Tritanomaly

57.6937, 59.0010, 71.9659

Monochromacy



Original Color

57.1481, 59.1229, 69.3726

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8897, 59.3938, 66.8583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1481, 59.1229, 69.3726 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(203, 201, 210) looks like.

```
.text, #text, p{  
    color:rgb(203, 201, 210)  
}
```

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(203, 201, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 201, 210) }
```

Border

The CSS property to change the border of an element to XYZ 57.1481, 59.1229, 69.3726 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(203, 201, 210) }
```


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

```
.border{ border-color:rgb(203, 201, 210) }
```

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

Here you see how a box with a 4 pixel rgb(203, 201, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 201, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 201, 210);  
box-shadow:4px 4px 4px 4px rgb(203, 201,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1481, 59.1229, 69.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 201, 210) }
```

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

```
.background{ background-color: rgb(203,  
201, 210) }
```

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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