

Converting Colors

XYZ(57.6774, 59.6340, 71.9046)

Have a look what the booklet for
XYZ(57.6774, 59.6340, 71.9046)
contains.

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Color

**XYZ(57.6152, 59.6527,
72.0958)**

Conversions

Conversions Part 1

Format	Color
Hex	CACAD6
RGB	202, 202, 214
RGB Percent	79%, 79%, 84%
CMY	0.2078, 0.2078, 0.1608
CMYK	0.06, 0.06, 0.00, 0.16
HSL	240°, 13%, 82%
HSV	240°, 6%, 84%
XYZ	57.6152, 59.6527, 72.0958
YIQ	203.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

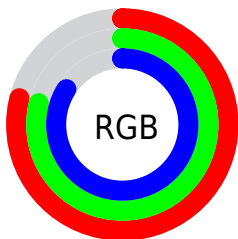
Format	Color
RYB	202, 202, 214
Decimal	13290198
CIELab	81.65, 2.26, -5.96
CIELCh	82, 6.373, 290.745
Yxy	59.6527, 0.3043, 0.3150
Android (android.graphics.Color)	4291480278 (0xFFCACAD6)
YUV	203.3680, 5.2416, -1.1997
Hunter-Lab	77.2352, -2.0057, -1.2801

Details

The XYZ color **57.6152, 59.6527, 72.0958** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4387, 66.6526, 65.4523**, and the grayscale version is **56.9673, 59.9340, 65.2682**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0607, 29.9789, 37.0557** is the 20% darker color. If you saturate the color by 10%, you get **47.5454, 47.5206, 70.2857**, and if you desaturate by 10%, it is **69.1873, 73.5955, 74.1780**.

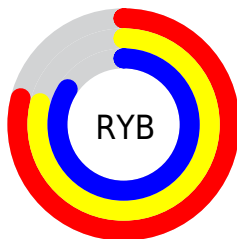
Distribution



Red (79%)

Green (79%)

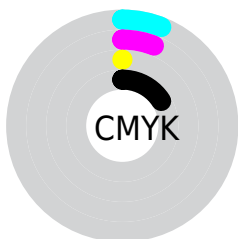
Blue (84%)



Red (79%)

Yellow (79%)

Blue (84%)

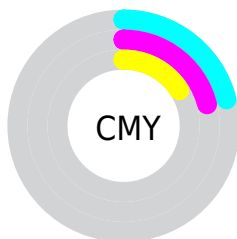


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (21%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6152, 59.6527, 72.0958 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 57.6152, 59.6527, 72.0958 by changing the saturation by 10% instead.

■ 57.6152, 59.6527,
72.0958

■ 57.6152, 59.6527,
72.0958

405.7276,
423.3165, 486.8615

■ 41.7414, 43.1388,
52.7496

100.4885,
104.3257, 123.9017

■ 29.0891, 29.9940,
37.2166

128.2187,
133.2536, 157.1985

■ 19.2929, 19.8340,
25.0781

160.6318,
167.0882, 195.9826

■ 11.9873, 12.2745,
15.9157

198.0931,
206.2139, 240.6726

■ 6.8072, 6.9309,
9.3108

240.9680,
251.0153, 291.6869

■ 3.3871, 3.4189,
4.8449

289.6218,

■ 1.3616, 1.3541,

301.8765, 349.4441

2.0994

344.4198,
359.1821, 414.3628

■ 0.2286, 0.1826,
0.6154

■ 0.0000, 0.0000,
0.0000

■ 57.6152, 59.6527,
72.0958

■ 57.6152, 59.6527,
72.0958

■ 47.5454, 47.5206,
70.2857

■ 69.1873, 73.5955,
74.1780

■ 38.9114, 37.1179,
68.7329

■ 82.3143, 89.4110,
76.5389

■ 31.6494, 28.3680,
67.4267

■ 89.1378, 97.6351,
77.7666

■ 25.6888, 21.1860,
66.3546

■ 20.9527, 15.4792,
65.5027

■ 17.3562, 11.1453,
64.8557

■ 14.8035, 8.0689,
64.3965

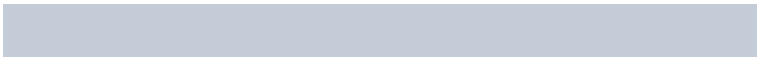
■ 13.1831, 6.1158,
64.1049

■ 12.3581, 5.1212,
63.9564

Harmonies

Analogous

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



56.2850, 59.6527, 72.5063



57.6152, 59.6527, 72.0958



58.7157, 59.6527, 69.7312

Triad

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



57.6152, 59.6527, 72.0958



58.3433, 59.6527, 59.4064



54.1942, 59.6527, 63.7727

Complementary

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



57.6152, 59.6527, 72.0958



62.4387, 66.6526, 65.4523

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.



54.7273, 59.6527, 60.3957



57.6152, 59.6527, 72.0958



57.1133, 59.6527, 57.9409

Square

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



57.6152, 59.6527, 72.0958



59.1406, 59.6527, 62.3741



55.7908, 59.6527, 58.2958



54.3238, 59.6527, 67.5993

Rectangle

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



57.6152, 59.6527, 72.0958



59.1642, 59.6527, 67.4143



55.7908, 59.6527, 58.2958



54.3015, 59.6527, 62.5498

Sweetspot

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



57.6169, 59.6552, 72.0971



91.5935, 95.8356, 108.2784



60.5166, 65.4955, 72.9377



19.6410, 20.5564, 23.1825



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.



57.6169, 59.6552, 72.0971



83.3544, 85.9088, 106.7966



59.2152, 60.4779, 72.1717



12.1716, 12.5258, 15.7137



7.3370, 2.9357, 38.6331



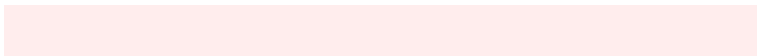
0.4426, 0.1773, 2.3302

Inverse Universe

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



59.5140, 60.8025, 64.4795



86.8764, 88.0388, 92.6542



60.7768, 65.7972, 65.3748



12.7230, 12.8592, 13.4996



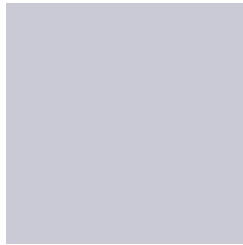
16.7622, 8.6412, 0.7860



1.0111, 0.5212, 0.0477

Previews

White Background



This preview shows how the XYZ color 57.6152, 59.6527, 72.0958 looks on a white background.

Color Contrast Check

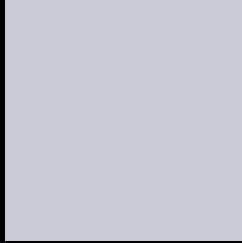
Large Text (above 18pt) WCAG AA × Fail

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 57.6152, 59.6527, 72.0958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

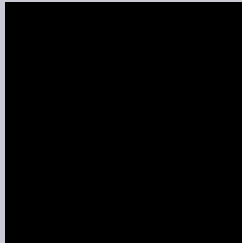
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

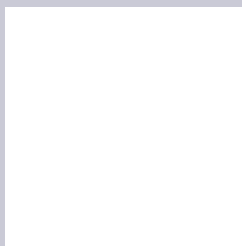
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6152, 59.6527, 72.0958

Background



This preview shows how black text looks on a background with the XYZ color 57.6152, 59.6527, 72.0958.

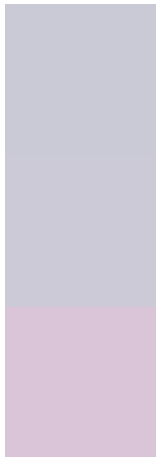


This preview shows how white text looks on a background with the XYZ color 57.6152, 59.6527,

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

57.6152, 59.6527, 72.0958

Protanopia

57.8867, 59.7926, 72.1085

Deuteranopia

60.8473, 59.5905, 72.5851



Tritanopia

58.0396, 59.4796, 74.0673

Trichromacy



Original Color

57.6152, 59.6527, 72.0958

Protanomaly

57.8867, 59.7926, 72.1085

Deuteranomaly

59.8405, 59.7502, 72.6690

Tritanomaly

57.9099, 59.4277, 73.3843

Monochromacy



Original Color

57.6152, 59.6527, 72.0958

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.2470, 59.9134, 67.5787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6152, 59.6527, 72.0958 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(202, 202, 214)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 214)  
}
```

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(202, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.6152, 59.6527, 72.0958 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(202, 202, 214) }
```


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

```
.border{ border-color:rgb(202, 202, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 202, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(202, 202,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6152, 59.6527, 72.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 214) }
```

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

```
.background{ background-color: rgb(202,  
202, 214) }
```

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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