

Converting Colors

XYZ(57.1663, 59.5345, 66.8776)

Have a look what the booklet for
XYZ(57.1663, 59.5345, 66.8776)
contains.

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Color

**XYZ(57.1629, 59.5347,
66.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCACE
RGB	204, 202, 206
RGB Percent	80%, 79%, 81%
CMY	0.2000, 0.2078, 0.1922
CMYK	0.01, 0.02, 0.00, 0.19
HSL	270°, 4%, 80%
HSV	270°, 2%, 81%
XYZ	57.1629, 59.5347, 66.8710
YIQ	203.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

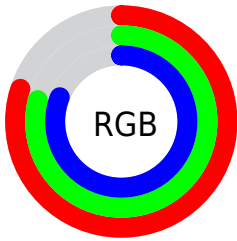
Format	Color
RYB	204, 202, 206
Decimal	13421262
CIELab	81.58, 1.42, -1.75
CIELCh	82, 2.259, 309.096
Yxy	59.5347, 0.3114, 0.3243
Android (android.graphics.Color)	4291611342 (0xFFCCCCACE)
YUV	203.0540, 1.4524, 0.8296
Hunter-Lab	77.1587, -2.7864, 2.6264

Details

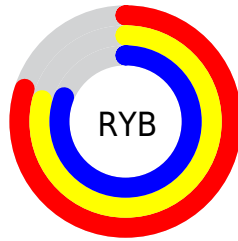
The XYZ color **57.1629, 59.5347, 66.8710** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6362, 61.2459, 64.6641**, and the grayscale version is **56.7913, 59.7489, 65.0665**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.8351, 29.9308, 33.9632** is the 20% darker color. If you saturate the color by 10%, you get **49.9158, 49.0974, 65.2392**, and if you desaturate by 10%, it is **65.2457, 71.3640, 68.7292**.

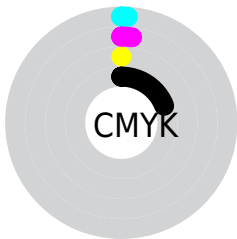
Distribution



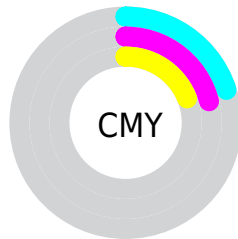
- Red (80%)
- Green (79%)
- Blue (81%)



- Red (80%)
- Yellow (79%)
- Blue (81%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1629, 59.5347, 66.8710 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 57.1629, 59.5347, 66.8710 by changing the saturation by 10% instead.

■ 57.1629, 59.5347,
66.8710

■ 57.1629, 59.5347,
66.8710

404.0638,
422.8806, 467.9744

■ 41.3767, 43.0437,
48.5189

99.8328, 104.1544,
116.3744

■ 28.8025, 29.9194,
33.8751

127.4473,
133.0519, 148.3628

■ 19.0750, 19.7774,
22.5210

159.7351,
166.8536, 185.7337

■ 11.8288, 12.2334,
14.0383

197.0618,
205.9441, 228.9056

■ 6.6986, 6.9028,
8.0082

239.7927,
250.7076, 278.2971

■ 3.3190, 3.4014,
4.0124

288.2930,

■ 1.3246, 1.3447,

301.5286, 334.3267

1.6321

342.9283,
358.7915, 397.4130

■ 0.2015, 0.1754,
0.3136

■ 0.0000, 0.0000,
0.0000

■ 57.1629, 59.5347,
66.8710

■ 57.1629, 59.5347,
66.8710

■ 49.9158, 49.0974,
65.2392

■ 65.2457, 71.3640,
68.7292

■ 43.4704, 39.9917,
63.8214

■ 74.1866, 84.6274,
70.8180

■ 37.7976, 32.1644,
62.6096

■ 81.1397, 93.6271,
72.1887

■ 32.8645, 25.5553,
61.5939

■ 84.6422, 95.4327,
72.3526

■ 28.6358, 20.0995,
60.7637

■ 88.1407, 97.2363,
72.5163

■ 25.0727, 15.7256,
60.1072

■ 22.1324, 12.3542,
59.6114

■ 19.7662, 9.8944,
59.2614

■ 17.9164, 8.2378,
59.0391

Harmonies

Analogous

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



56.7302, 59.5347, 67.4360



57.1629, 59.5347, 66.8710



57.4420, 59.5347, 65.7594

Triad

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



57.1629, 59.5347, 66.8710



56.9119, 59.5347, 62.4142



55.6904, 59.5347, 65.2369

Complementary

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



57.1629, 59.5347, 66.8710



57.6362, 61.2459, 64.6641

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.



55.7384, 59.5347, 63.8959



57.1629, 59.5347, 66.8710



56.4419, 59.5347, 62.2787

Square

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



57.1629, 59.5347, 66.8710



57.2965, 59.5347, 63.1903



56.0129, 59.5347, 62.8176



55.8812, 59.5347, 66.4839

Rectangle

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



57.1629, 59.5347, 66.8710



57.5025, 59.5347, 64.8644



56.0129, 59.5347, 62.8176



55.6791, 59.5347, 64.7820

Sweetspot

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



57.1646, 59.5373, 66.8723



93.7739, 98.1425, 108.6087



57.1087, 60.2325, 67.0094



20.0849, 21.0261, 23.2498



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.



57.1646, 59.5373, 66.8723



92.5116, 96.3082, 108.3212



57.6979, 59.8122, 66.8973



12.3161, 12.8315, 14.3980



10.4087, 4.5734, 36.2904



0.6245, 0.2811, 1.8763

Inverse Universe

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



57.4754, 59.7253, 65.6289



93.0371, 96.6261, 106.2191



57.1094, 60.9743, 64.6395



12.3809, 12.8707, 14.1388



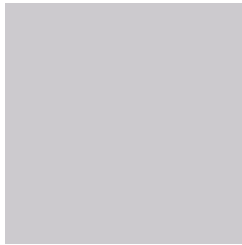
17.2334, 8.7039, 8.9475



0.9274, 0.4644, 0.6634

Previews

White Background



This preview shows how the XYZ color 57.1629, 59.5347, 66.8710 looks on a white background.

Color Contrast Check

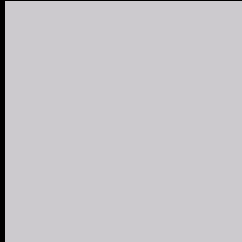
Large Text (above 18pt) WCAG AA × Fail

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 57.1629, 59.5347, 66.8710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

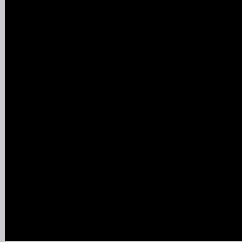
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

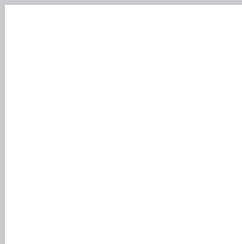
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1629, 59.5347, 66.8710

Background



This preview shows how black text looks on a background with the XYZ color 57.1629, 59.5347, 66.8710.

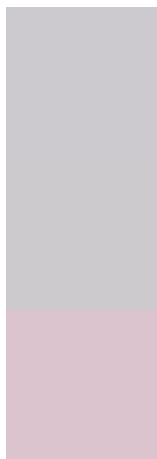


This preview shows how white text looks on a background with the XYZ color 57.1629, 59.5347,

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

57.1629, 59.5347, 66.8710

Protanopia

57.4379, 59.6764, 66.8839

Deuteranopia

60.5176, 59.2005, 67.2687



Tritanopia

58.5025, 59.3882, 73.3454

Trichromacy



Original Color

57.1629, 59.5347, 66.8710

Protanomaly

57.4379, 59.6764, 66.8839

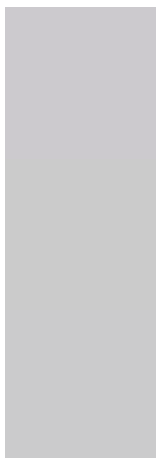
Deuteranomaly

59.1881, 59.1893, 67.3366

Tritanomaly

57.9471, 59.5059, 70.7190

Monochromacy



Original Color

57.1629, 59.5347, 66.8710

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8836, 59.7680, 65.6650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1629, 59.5347, 66.8710 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, 202, 206) looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 206)  
}
```

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, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 206) }
```

Border

The CSS property to change the border of an element to XYZ 57.1629, 59.5347, 66.8710 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, 202, 206) }
```


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

```
.border{ border-color:rgb(204, 202, 206) }
```

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

Here you see how a box with a 4 pixel rgb(204, 202, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 206);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1629, 59.5347, 66.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 206) }
```

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

```
.background{ background-color: rgb(204,  
202, 206) }
```

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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