

Converting Colors

XYZ(57.0751, 59.7584, 66.4482)

Have a look what the booklet for
XYZ(57.0751, 59.7584, 66.4482)
contains.

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Color

**XYZ(57.0040, 59.8162,
66.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCBCD
RGB	203, 203, 205
RGB Percent	80%, 80%, 80%
CMY	0.2039, 0.2039, 0.1961
CMYK	0.01, 0.01, 0.00, 0.20
HSL	240°, 2%, 80%
HSV	240°, 1%, 80%
XYZ	57.0040, 59.8162, 66.2988
YIQ	203.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

Format	Color
RYB	203, 203, 205
Decimal	13355981
CIELab	81.74, 0.37, -1.00
CIELCh	82, 1.069, 290.331
Yxy	59.8162, 0.3113, 0.3267
Android (android.graphics.Color)	4291546061 (0xFFCBCBCD)
YUV	203.2280, 0.8736, -0.2000
Hunter-Lab	77.3409, -3.7835, 3.3136

Details

The XYZ color **57.0040, 59.8162, 66.2988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7877, 60.9528, 65.2201**, and the grayscale version is **56.9044, 59.8679, 65.1961**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.7278, 30.1188, 33.5776** is the 20% darker color. If you saturate the color by 10%, you get **47.2686, 48.0920, 64.5498**, and if you desaturate by 10%, it is **68.1189, 73.2019, 68.2976**.

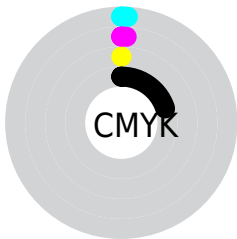
Distribution



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



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0040, 59.8162, 66.2988 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 57.0040, 59.8162, 66.2988 by changing the saturation by 10% instead.

■ 57.0040, 59.8162,
66.2988

■ 57.0040, 59.8162,
66.2988

403.4782,
423.9200, 465.8781

■ 41.2486, 43.2705,
48.0570

99.6023, 104.5630,
115.5462

■ 28.7019, 30.0974,
33.5117

127.1760,
133.5329, 147.3888

■ 18.9986, 19.9125,
22.2444

159.4198,
167.4130, 184.6021

■ 11.7733, 12.3315,
13.8366

196.6991,
206.5876, 227.6047

■ 6.6606, 6.9699,
7.8696

239.3792,
251.4413, 276.8150

■ 3.2952, 3.4433,
3.9251

287.8256,

■ 1.3117, 1.3673,

302.3583, 332.6517

1.5843

342.4034,
359.7230, 395.5332

■ 0.1920, 0.1924,
0.2796

■ 0.0000, 0.0000,
0.0000

■ 57.0040, 59.8162,
66.2988

■ 57.0040, 59.8162,
66.2988

■ 47.2686, 48.0920,
64.5498

■ 68.1189, 73.2019,
68.2976

■ 38.8541, 37.9572,
63.0371

■ 80.6589, 88.3021,
70.5513

■ 31.7051, 29.3457,
61.7517

■ 88.0196, 97.1878,
71.8785

■ 25.7604, 22.1839,
60.6827

■ 20.9539, 16.3922,
59.8181

■ 17.2128, 11.8832,
59.1449

■ 14.4562, 8.5594,
58.6487

■ 12.5915, 6.3096,
58.3127

■ 11.5085, 5.0013,
58.1172

Harmonies

Analogous

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



56.7809, 59.8162, 66.3591



57.0040, 59.8162, 66.2988



57.1873, 59.8162, 65.9241

Triad

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



57.0040, 59.8162, 66.2988



57.1302, 59.8162, 64.1803



56.4279, 59.8162, 64.9217

Complementary

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



57.0040, 59.8162, 66.2988



57.7877, 60.9528, 65.2201

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.



56.5210, 59.8162, 64.3417



57.0040, 59.8162, 66.2988



56.9262, 59.8162, 63.9155

Square

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



57.0040, 59.8162, 66.2988



57.2603, 59.8162, 64.7000



56.7033, 59.8162, 63.9744



56.4487, 59.8162, 65.5613

Rectangle

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



57.0040, 59.8162, 66.2988



57.2620, 59.8162, 65.5477



56.7033, 59.8162, 63.9744



56.4470, 59.8162, 64.7134

Sweetspot

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



57.0057, 59.8188, 66.3001

95.0500, 100.0000, 108.9000



57.4762, 60.7662, 66.4371



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0057, 59.8188, 66.3001



93.3114, 97.9062, 108.5875



57.2690, 59.9532, 66.3122



12.4148, 13.0287, 14.4308



6.8632, 2.7504, 36.1254



0.3546, 0.1430, 1.8639

Inverse Universe

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



57.3136, 60.0039, 65.0642



93.8347, 98.2209, 106.4865



57.5227, 60.8174, 65.2080



12.4793, 13.0675, 14.1718



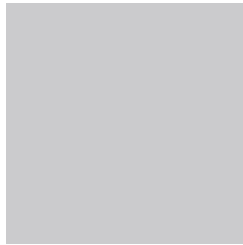
15.6751, 8.0806, 0.7420



0.8089, 0.4170, 0.0398

Previews

White Background



This preview shows how the XYZ color 57.0040, 59.8162, 66.2988 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 57.0040, 59.8162, 66.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

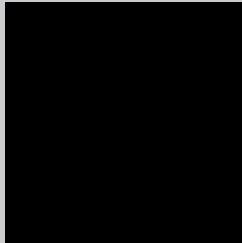
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

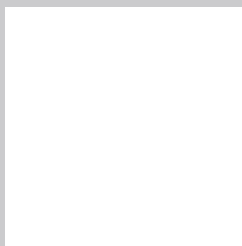
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0040, 59.8162, 66.2988

Background



This preview shows how black text looks on a background with the XYZ color 57.0040, 59.8162, 66.2988.

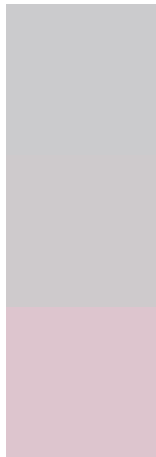


This preview shows how white text looks on a background with the XYZ color 57.0040, 59.8162,

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

57.0040, 59.8162, 66.2988

Protanopia

57.4732, 59.7225, 65.6252

Deuteranopia

60.9256, 59.7609, 66.7164



Tritanopia

58.5879, 59.7622, 74.0930

Trichromacy



Original Color

57.0040, 59.8162, 66.2988

Protanomaly

57.1965, 59.5798, 65.6122

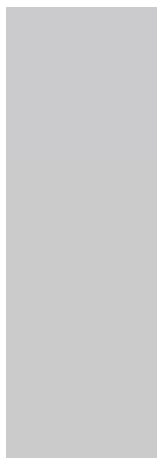
Deuteranomaly

59.2956, 59.5992, 66.7711

Tritanomaly

58.0326, 59.8825, 71.4506

Monochromacy



Original Color

57.0040, 59.8162, 66.2988

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 57.0040, 59.8162, 66.2988 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, 203, 205) looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 205)  
}
```

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, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.0040, 59.8162, 66.2988 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, 203, 205) }
```

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

```
.border{ border-color:rgb(203, 203, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 203, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
205) }
```


Background

The CSS property to change the background color of an element to XYZ 57.0040, 59.8162, 66.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 205) }
```

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

```
.background{ background-color: rgb(203,  
203, 205) }
```

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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