

Converting Colors

XYZ(57.2665, 57.6405, 70.0405)

Have a look what the booklet for
XYZ(57.2665, 57.6405, 70.0405)
contains.

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Color

**XYZ(57.1777, 57.7575,
69.7627)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC5D3
RGB	206, 197, 211
RGB Percent	81%, 77%, 83%
CMY	0.1922, 0.2274, 0.1725
CMYK	0.02, 0.07, 0.00, 0.17
HSL	279°, 14%, 80%
HSV	279°, 7%, 83%
XYZ	57.1777, 57.7575, 69.7627
YIQ	201.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

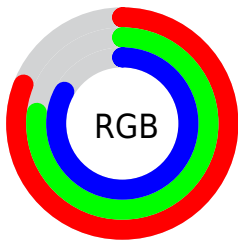
Format	Color
RYB	206, 197, 211
Decimal	13551059
CIELab	80.60, 5.69, -5.86
CIELCh	81, 8.168, 314.149
Yxy	57.7575, 0.3096, 0.3127
Android (android.graphics.Color)	4291741139 (0xFFCEC5D3)
YUV	201.2870, 4.7885, 4.1333
Hunter-Lab	75.9984, 1.2981, -1.2264

Details

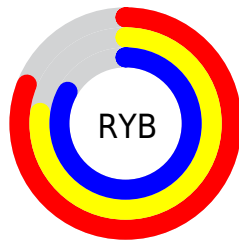
The XYZ color **57.1777, 57.7575, 69.7627** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7316, 63.1778, 61.9781**, and the grayscale version is **55.6676, 58.5667, 63.7791**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **28.8572, 28.7546, 35.9276** is the 20% darker color. If you saturate the color by 10%, you get **50.6758, 47.7854, 68.1815**, and if you desaturate by 10%, it is **64.4539, 69.1274, 71.5747**.

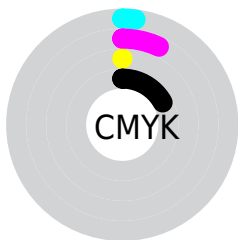
Distribution



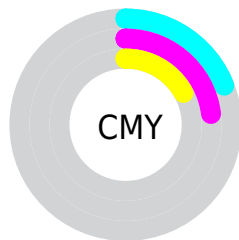
- Red (81%)
- Green (77%)
- Blue (83%)



- Red (81%)
- Yellow (77%)
- Blue (83%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1777, 57.7575, 69.7627 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 57.1777, 57.7575, 69.7627 by changing the saturation by 10% instead.

■ 57.1777, 57.7575,
69.7627

■ 57.1777, 57.7575,
69.7627

404.1183,
416.2817, 478.4830

■ 41.3886, 41.6137,
50.8575

99.8543, 101.5696,
120.5482

■ 28.8119, 28.7989,
35.7193

127.4725,
130.0068, 153.2656

■ 19.0821, 18.9288,
23.9295

159.7645,
163.3105, 191.4242

■ 11.8340, 11.6188,
15.0696

197.0956,
201.8652, 235.4424

■ 6.7021, 6.4847,
8.7211

239.8312,
246.0553, 285.7388

■ 3.3212, 3.1420,
4.4654

288.3366,

■ 1.3258, 1.2063,

296.2652, 342.7321

1.8840

342.9771,
352.8792, 406.8406

■ 0.2024, 0.0668,
0.4825

■ 0.0000, 0.0000,
0.0000

■ 57.1777, 57.7575,
69.7627

■ 57.1777, 57.7575,
69.7627

■ 50.6758, 47.7854,
68.1815

■ 64.4539, 69.1274,
71.5747

■ 44.9141, 39.1477,
66.8179

■ 72.5268, 81.9406,
73.6224

■ 39.8633, 31.7868,
65.6633

■ 79.7082, 92.8179,
75.3434

■ 35.4899, 25.6381,
64.7070

■ 82.1606, 94.0821,
75.4582

■ 31.7575, 20.6311,
63.9372

■ 84.7187, 95.4008,
75.5779

■ 28.6263, 16.6880,
63.3412

■ 87.3837, 96.7747,
75.7026

■ 26.0509, 13.7208,
62.9042

■ 88.7580, 97.4832,
75.7669

■ 23.9789, 11.6270,
62.6092

■ 22.3432, 10.2745,
62.4344

Harmonies

Analogous

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



55.6902, 57.7575, 72.2923



57.1777, 57.7575, 69.7627



58.0633, 57.7575, 65.4490

Triad

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



57.1777, 57.7575, 69.7627



55.7838, 57.7575, 54.4015



51.8236, 57.7575, 65.1768

Complementary

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



57.1777, 57.7575, 69.7627



57.7316, 63.1778, 61.9781

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.



51.8475, 57.7575, 60.3949



57.1777, 57.7575, 69.7627



54.1109, 57.7575, 54.3370

Square

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



57.1777, 57.7575, 69.7627



57.2474, 57.7575, 56.6617



52.6773, 57.7575, 56.4806



52.6113, 57.7575, 69.5547

Rectangle

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



57.1777, 57.7575, 69.7627



58.1821, 57.7575, 62.2211



52.6773, 57.7575, 56.4806



51.7375, 57.7575, 63.5598

Sweetspot

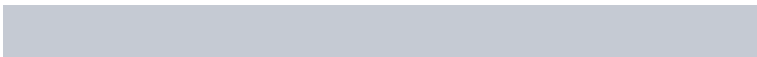
The Sweet Spot groups the original color and five complimentary colors.



57.1794, 57.7600, 69.7640



92.7774, 96.4452, 108.3336



55.9380, 58.8796, 70.0455



19.8820, 20.6805, 23.1938



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.



57.1794, 57.7600, 69.7640



86.2534, 86.3118, 106.7215



58.3571, 58.3940, 68.6047



11.8840, 11.7890, 14.8928



13.3018, 6.0376, 37.6568



0.8285, 0.3813, 2.1095

Inverse Universe

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



57.4930, 58.0483, 64.0544



86.8441, 86.8519, 96.1028



56.6157, 62.5777, 63.0492



11.9807, 11.8770, 13.1742



17.0312, 8.6853, 5.0707



0.9897, 0.5006, 0.4807

Previews

White Background



This preview shows how the XYZ color 57.1777, 57.7575, 69.7627 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 57.1777, 57.7575, 69.7627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

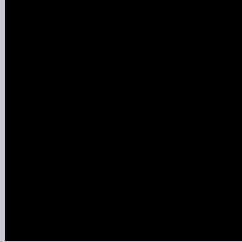
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1777, 57.7575, 69.7627

Background



This preview shows how black text looks on a background with the XYZ color 57.1777, 57.7575, 69.7627.

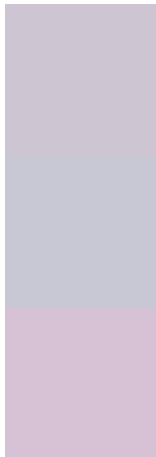


This preview shows how white text looks on a background with the XYZ color 57.1777, 57.7575,

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

57.1777, 57.7575, 69.7627

Protanopia

56.1265, 57.8797, 70.5011

Deuteranopia

58.9070, 57.6332, 70.3069



Tritanopia

57.3035, 57.8078, 70.4252

Trichromacy



Original Color

57.1777, 57.7575, 69.7627

Protanomaly

56.4349, 57.6982, 70.4498

Deuteranomaly

58.2627, 57.6326, 70.3408

Tritanomaly

57.3035, 57.8078, 70.4252

Monochromacy



Original Color

57.1777, 57.7575, 69.7627

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.3023, 58.4128, 66.0650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1777, 57.7575, 69.7627 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(206, 197, 211) looks like.

```
.text, #text, p{  
    color:rgb(206, 197, 211)  
}
```

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(206, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 197, 211) }
```

Border

The CSS property to change the border of an element to XYZ 57.1777, 57.7575, 69.7627 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(206, 197, 211) }
```


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

```
.border{ border-color:rgb(206, 197, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 197, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 197, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 197, 211);  
box-shadow:4px 4px 4px 4px rgb(206, 197,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1777, 57.7575, 69.7627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 197, 211) }
```

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

```
.background{ background-color: rgb(206,  
197, 211) }
```

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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