

Converting Colors

XYZ(56.7326, 57.1970, 80.2187)

Have a look what the booklet for
XYZ(56.7326, 57.1970, 80.2187)
contains.

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Color

**XYZ(56.7197, 57.2938,
80.0209)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C5E2
RGB	197, 197, 226
RGB Percent	77%, 77%, 89%
CMY	0.2274, 0.2274, 0.1137
CMYK	0.13, 0.13, 0.00, 0.11
HSL	240°, 33%, 83%
HSV	240°, 13%, 89%
XYZ	56.7197, 57.2938, 80.0209
YIQ	200.3060, -9.3090, 9.0190

Conversions

Conversions Part 2

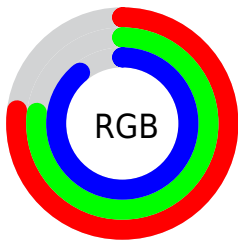
Format	Color
RYB	197, 197, 226
Decimal	12961250
CIELab	80.34, 5.68, -14.38
CIELCh	80, 15.455, 291.547
Yxy	57.2938, 0.2923, 0.2953
Android (android.graphics.Color)	4291151330 (0xFFC5C5E2)
YUV	200.3060, 12.6671, -2.8994
Hunter-Lab	75.6927, 1.2954, -9.6954

Details

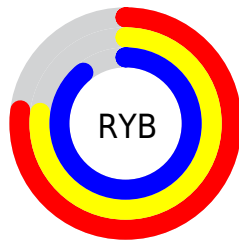
The XYZ color **56.7197, 57.2938, 80.0209** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.6388, 74.5925, 63.6048**, and the grayscale version is **55.0182, 57.8834, 63.0350**.

A 20% lighter version of the original color is **94.3649, 99.1745, 108.7768**, and **28.5008, 28.4248, 42.5125** is the 20% darker color. If you saturate the color by 10%, you get **46.4875, 44.9652, 78.1814**, and if you desaturate by 10%, it is **68.6117, 71.6229, 82.1608**.

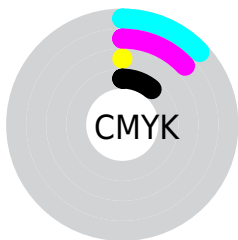
Distribution



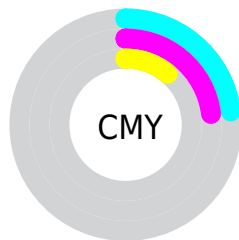
- Red (77%)
- Green (77%)
- Blue (89%)



- Red (77%)
- Yellow (77%)
- Blue (89%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7197, 57.2938, 80.0209 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 56.7197, 57.2938, 80.0209 by changing the saturation by 10% instead.

■ 56.7197, 57.2938,
80.0209

■ 56.7197, 57.2938,
80.0209

402.4293,
414.5493, 514.7119

■ 41.0195, 41.2412,
59.2093

99.1898, 100.8938,
135.2068

■ 28.5221, 28.5076,
42.3605

126.6904,
129.2099, 170.4181

■ 18.8620, 18.7086,
29.0560

158.8552,
162.3826, 211.2665

■ 11.6740, 11.4599,
18.8772

196.0495,
200.7963, 258.1703

■ 6.5927, 6.3771,
11.4057

238.6388,
244.8355, 311.5483

■ 3.2528, 3.0757,
6.2228

286.9882,

■ 1.2888, 1.1714,

294.8844, 371.8188

2.9101

341.4633,
351.3276, 439.4005

■ 0.1748, 0.0381,
1.0489

■ 0.0000, 0.0000,
0.0000

■ 56.7197, 57.2938,
80.0209

■ 56.7197, 57.2938,
80.0209

■ 46.4875, 44.9652,
78.1814

■ 68.6117, 71.6229,
82.1608

■ 37.8365, 34.5415,
76.6254

■ 82.2272, 88.0282,
84.6098

■ 30.6895, 25.9297,
75.3399

■ 90.7276, 98.2711,
86.1388

■ 24.9605, 19.0267,
74.3094

■ 20.5552, 13.7186,
73.5170

■ 17.3679, 9.8778,
72.9437

■ 15.2763, 7.3575,
72.5674

■ 14.1333, 5.9801,
72.3618

■ 13.7278, 5.4914,
72.2889

Harmonies

Analogous

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



53.5672, 57.2938, 81.2404



56.7197, 57.2938, 80.0209



59.3575, 57.2938, 73.8501

Triad

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



56.7197, 57.2938, 80.0209



58.3252, 57.2938, 49.7164



48.6608, 57.2938, 59.8586

Complementary

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



56.7197, 57.2938, 80.0209



68.6388, 74.5925, 63.6048

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.



49.8321, 57.2938, 52.1693



56.7197, 57.2938, 80.0209



55.3546, 57.2938, 46.6962

Square

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



56.7197, 57.2938, 80.0209



60.3091, 57.2938, 56.2041



52.2534, 57.2938, 47.5486



48.9945, 57.2938, 68.9994

Rectangle

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



56.7197, 57.2938, 80.0209



60.4294, 57.2938, 68.0585



52.2534, 57.2938, 47.5486



48.8899, 57.2938, 57.0325

Sweetspot

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



56.7214, 57.2962, 80.0222



88.2286, 91.7809, 107.6731



63.8846, 71.7286, 82.0831



18.6188, 19.3246, 22.9987



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.



56.7214, 57.2962, 80.0222



71.3402, 71.4319, 104.6354



60.5636, 59.2761, 80.2018



12.9522, 13.2435, 17.2613



7.8317, 3.1329, 41.2403



0.5429, 0.2172, 2.8586

Inverse Universe

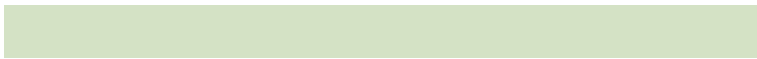
The Inverse Universe completely reimagines the original color for something new.



61.4097, 60.1339, 61.1963



78.4807, 75.7538, 75.9629



64.4221, 72.4196, 63.4076



13.7073, 13.7006, 14.2290



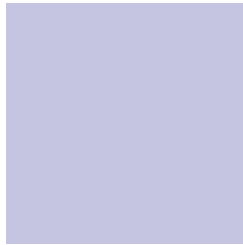
17.8933, 9.2243, 0.8378



1.2403, 0.6394, 0.0582

Previews

White Background



This preview shows how the XYZ color 56.7197, 57.2938, 80.0209 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 56.7197, 57.2938, 80.0209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

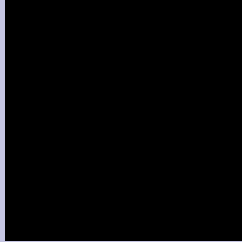
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7197, 57.2938, 80.0209

Background



This preview shows how black text looks on a background with the XYZ color 56.7197, 57.2938, 80.0209.



This preview shows how white text looks on a background with the XYZ color 56.7197, 57.2938,

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

56.7197, 57.2938, 80.0209

Protanopia

56.4272, 57.4813, 80.0725

Deuteranopia

58.6105, 57.2514, 80.6346



Tritanopia

55.1948, 57.3552, 72.4516

Trichromacy



Original Color

56.7197, 57.2938, 80.0209

Protanomaly

56.6865, 57.6149, 80.0846

Deuteranomaly

58.0088, 57.2728, 80.6704

Tritanomaly

55.7452, 57.2384, 75.1279

Monochromacy



Original Color

56.7197, 57.2938, 80.0209

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.4852, 57.5924, 68.5137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7197, 57.2938, 80.0209 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(197, 197, 226)` looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 226)  
}
```

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(197, 197, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 197, 226) }
```

Border

The CSS property to change the border of an element to XYZ 56.7197, 57.2938, 80.0209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

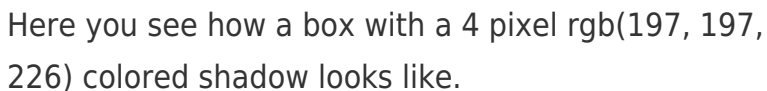
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 197, 226) }
```


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

```
.border{ border-color:rgb(197, 197, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 197, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 197, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 197, 226); box-shadow:4px 4px 4px 4px rgb(197, 197, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7197, 57.2938, 80.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 197, 226) }
```

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

```
.background{ background-color: rgb(197,  
197, 226) }
```

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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