

Converting Colors

XYZ(57.4052, 58.6139, 80.5197)

Have a look what the booklet for
XYZ(57.4052, 58.6139, 80.5197)
contains.

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Color

**XYZ(57.4077, 58.6699,
80.2502)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C8E2
RGB	197, 200, 226
RGB Percent	77%, 78%, 89%
CMY	0.2274, 0.2157, 0.1137
CMYK	0.13, 0.12, 0.00, 0.11
HSL	234°, 33%, 83%
HSV	234°, 13%, 89%
XYZ	57.4077, 58.6699, 80.2502
YIQ	202.0670, -10.1340, 7.4500

Conversions

Conversions Part 2

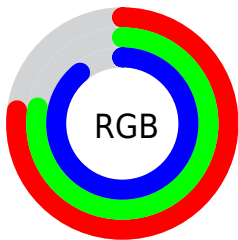
Format	Color
R _Y B	197, 200, 226
Decimal	12962018
CIE Lab	81.11, 4.07, -13.23
CIE LCh	81, 13.841, 287.114
Yxy	58.6699, 0.2924, 0.2988
Android (android.graphics.Color)	4291152098 (0xFFC5C8E2)
YUV	202.0670, 11.7990, -4.4438
Hunter-Lab	76.5963, -0.2606, -8.5010

Details

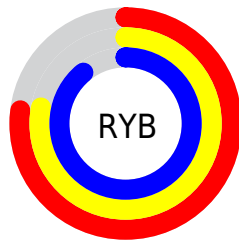
The XYZ color **57.4077, 58.6699, 80.2502** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.8300, 72.9748, 63.3350**, and the grayscale version is **56.1155, 59.0379, 64.2923**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.9573, 29.3377, 42.6646** is the 20% darker color. If you saturate the color by 10%, you get **47.5426, 47.0755, 78.5331**, and if you desaturate by 10%, it is **68.7853, 71.9701, 82.2187**.

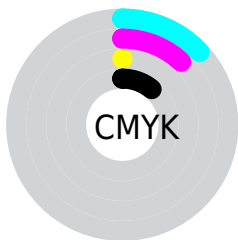
Distribution



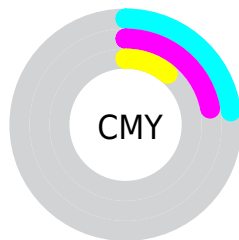
- Red (77%)
- Green (78%)
- Blue (89%)



- Red (77%)
- Yellow (78%)
- Blue (89%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4077, 58.6699, 80.2502 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 57.4077, 58.6699, 80.2502 by changing the saturation by 10% instead.

■ 57.4077, 58.6699,
80.2502

■ 57.4077, 58.6699,
80.2502

404.9648,
419.6775, 515.5046

■ 41.5741, 42.3474,
59.3969

100.1878,
102.8977, 135.5320

■ 28.9576, 29.3734,
42.5106

127.8649,
131.5719, 170.7976

■ 19.1929, 19.3635,
29.1727

160.2206,
165.1321, 211.7044

■ 11.9145, 11.9332,
18.9648

197.6202,
203.9628, 258.6708

■ 6.7573, 6.6982,
11.4683

240.4291,
248.4483, 312.1155

■ 3.3558, 3.2741,
6.2646

289.0125,

■ 1.3446, 1.2765,

298.9729, 372.4571

2.9353

343.7360,
355.9212, 440.1139

■ 0.2162, 0.1229,
1.0617

■ 0.0000, 0.0000,
0.0000

■ 57.4077, 58.6699,
80.2502

■ 57.4077, 58.6699,
80.2502

■ 47.5426, 47.0755,
78.5331

■ 68.7853, 71.9701,
82.2187

■ 39.1211, 37.1106,
77.0536

■ 81.7298, 87.0337,
84.4440

■ 32.0767, 28.7043,
75.8023

■ 90.7276, 98.2711,
86.1388

■ 26.3358, 21.7774,
74.7678

■ 21.8178, 16.2437,
73.9378

■ 18.4330, 12.0081,
73.2987

■ 16.0792, 8.9633,
72.8350

■ 14.6355, 6.9844,
72.5292

■ 14.0421, 6.1199,
72.3936

Harmonies

Analogous

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



54.5394, 58.6699, 80.6029



57.4077, 58.6699, 80.2502



59.9161, 58.6699, 75.2809

Triad

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



57.4077, 58.6699, 80.2502



59.6139, 58.6699, 52.9626



50.5435, 58.6699, 60.4132

Complementary

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



57.4077, 58.6699, 80.2502



67.8300, 72.9748, 63.3350

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.



51.8083, 58.6699, 53.6953



57.4077, 58.6699, 80.2502



57.0067, 58.6699, 49.6492

Square

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



57.4077, 58.6699, 80.2502



61.2196, 58.6699, 59.3321



54.1519, 58.6699, 49.9053



50.6425, 58.6699, 68.6579

Rectangle

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



57.4077, 58.6699, 80.2502



61.0171, 58.6699, 70.2429



54.1519, 58.6699, 49.9053



50.8214, 58.6699, 57.9164

Sweetspot

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



57.4095, 58.6723, 80.2515



88.5485, 92.4206, 107.7797



63.4910, 71.5711, 80.0106



18.6993, 19.4857, 23.0255



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.



57.4095, 58.6723, 80.2515



72.3711, 73.4936, 104.9791



59.7400, 58.8515, 80.1633



13.0657, 13.4705, 17.2991



8.0514, 3.5723, 41.3135



0.5973, 0.3260, 2.8767

Inverse Universe

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



61.7570, 60.2727, 63.0253



79.0011, 75.9620, 78.7029



65.2655, 72.8544, 63.4469



13.7646, 13.7235, 14.5307



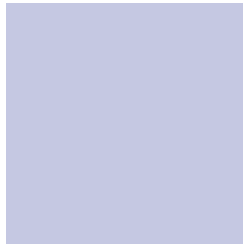
18.0042, 9.2687, 1.4218



1.2677, 0.6504, 0.2028

Previews

White Background



This preview shows how the XYZ color 57.4077, 58.6699, 80.2502 looks on a white background.

Color Contrast Check

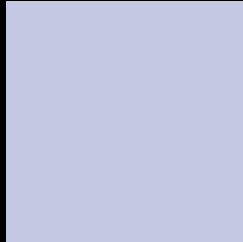
Large Text (above 18pt) WCAG AA × Fail

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 57.4077, 58.6699, 80.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

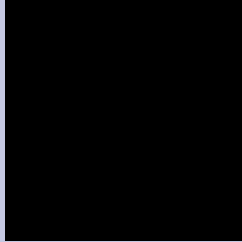
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4077, 58.6699, 80.2502

Background



This preview shows how black text looks on a background with the XYZ color 57.4077, 58.6699, 80.2502.

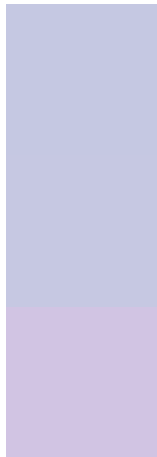


This preview shows how white text looks on a background with the XYZ color 57.4077, 58.6699,

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

57.4077, 58.6699, 80.2502

Protanopia

57.6704, 58.8053, 80.2625

Deuteranopia

59.8996, 58.5812, 80.8233



Tritanopia

56.1760, 58.5188, 73.9801

Trichromacy



Original Color

57.4077, 58.6699, 80.2502

Protanomaly

57.6704, 58.8053, 80.2625

Deuteranomaly

59.0082, 58.4577, 80.8464

Tritanomaly

56.5699, 58.6764, 76.0543

Monochromacy



Original Color

57.4077, 58.6699, 80.2502

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.4639, 58.7558, 69.9931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4077, 58.6699, 80.2502 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, 200, 226)` looks like.

```
.text, #text, p{  
    color:rgb(197, 200, 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, 200, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 200, 226) }
```

Border

The CSS property to change the border of an element to XYZ 57.4077, 58.6699, 80.2502 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, 200, 226) }
```


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

```
.border{ border-color:rgb(197, 200, 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, 200, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 200, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 200, 226);  
box-shadow:4px 4px 4px 4px rgb(197, 200,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4077, 58.6699, 80.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 200, 226) }
```

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

```
.background{ background-color: rgb(197,  
200, 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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