

Converting Colors

XYZ(55.9189, 57.2216, 80.0538)

Have a look what the booklet for
XYZ(55.9189, 57.2216, 80.0538)
contains.

XYZ(55.9139, 57.2166, 80.0484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.9139, 57.2166,
80.0484)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C6E2
RGB	193, 198, 226
RGB Percent	76%, 78%, 89%
CMY	0.2431, 0.2235, 0.1137
CMYK	0.15, 0.12, 0.00, 0.11
HSL	231°, 36%, 82%
HSV	231°, 15%, 89%
XYZ	55.9139, 57.2166, 80.0484
YIQ	199.6970, -11.9680, 7.6480

Conversions

Conversions Part 2

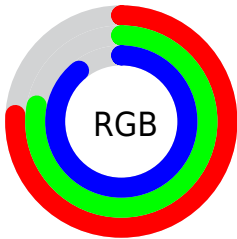
Format	Color
R _Y B	193, 197, 226
Decimal	12699362
CIE Lab	80.30, 3.86, -14.47
CIE LCh	80, 14.976, 284.935
Yxy	57.2166, 0.2894, 0.2962
Android (android.graphics.Color)	4290889442 (0xFFC1C6E2)
YUV	199.6970, 12.9674, -5.8733
Hunter-Lab	75.6417, -0.4267, -9.7950

Details

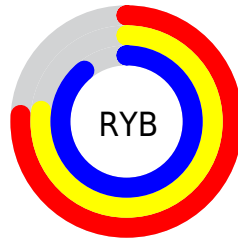
The XYZ color **55.9139, 57.2166, 80.0484** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.8466, 71.7318, 60.7759**, and the grayscale version is **54.6429, 57.4886, 62.6051**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **27.9714, 28.3758, 42.5309** is the 20% darker color. If you saturate the color by 10%, you get **46.4783, 46.2541, 78.4306**, and if you desaturate by 10%, it is **66.7882, 69.7474, 81.8949**.

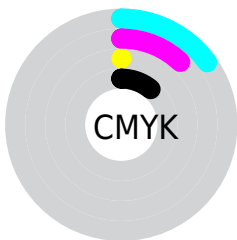
Distribution



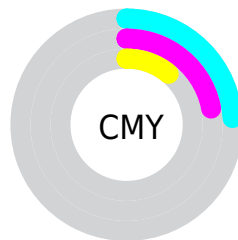
- Red (76%)
- Green (78%)
- Blue (89%)



- Red (76%)
- Yellow (77%)
- Blue (89%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9139, 57.2166, 80.0484 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 55.9139, 57.2166, 80.0484 by changing the saturation by 10% instead.

■ 55.9139, 57.2166,
80.0484

■ 55.9139, 57.2166,
80.0484

399.4472,
414.2604, 514.8070

■ 40.3706, 41.1792,
59.2318

■ 98.0192, 100.7812,
135.2458

■ 28.0131, 28.4591,
42.3785

125.3120,
129.0771, 170.4636

■ 18.4761, 18.6720,
29.0700

157.2519,
162.2280, 211.3190

■ 11.3941, 11.4335,
18.8877

194.2045,
200.6182, 258.2304

■ 6.4018, 6.3592,
11.4132

236.5349,
244.6322, 311.6163

■ 3.1339, 3.0647,
6.2278

284.6086,

■ 1.2249, 1.1656,

294.6543, 371.8954

2.9131

338.7909,
351.0689, 439.4861

■ 0.1259, 0.0334,
1.0504

■ 0.0000, 0.0000,
0.0000

■ 55.9139, 57.2166,
80.0484

■ 55.9139, 57.2166,
80.0484

■ 46.4783, 46.2541,
78.4306

■ 66.7882, 69.7474,
81.8949

■ 38.4158, 36.7909,
77.0290

■ 79.1528, 83.8977,
83.9745

■ 31.6632, 28.7634,
75.8354

■ 90.7276, 98.2711,
86.1387

■ 26.1503, 22.1006,
74.8399

■ 21.8004, 16.7254,
74.0317

■ 18.5280, 12.5529,
73.3988

■ 16.2353, 9.4874,
72.9279

■ 14.8056, 7.4178,
72.6038

■ 14.3070, 6.6499,
72.4819

Harmonies

Analogous

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



52.8671, 57.2166, 80.0368



55.9139, 57.2166, 80.0484



58.6471, 57.2166, 75.0112

Triad

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



55.9139, 57.2166, 80.0484



58.6569, 57.2166, 51.1347



48.8944, 57.2166, 58.0196

Complementary

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



55.9139, 57.2166, 80.0484



66.8466, 71.7318, 60.7759

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.



50.3301, 57.2166, 51.1111



55.9139, 57.2166, 80.0484



55.9269, 57.2166, 47.3972

Square

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



55.9139, 57.2166, 80.0484



60.2707, 57.2166, 58.0545



52.8796, 57.2166, 47.3890



48.8912, 57.2166, 66.7458

Rectangle

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



55.9139, 57.2166, 80.0484



59.8908, 57.2166, 69.7172



52.8796, 57.2166, 47.3890



49.2230, 57.2166, 55.4269

Sweetspot

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



55.9156, 57.2190, 80.0497



88.6976, 92.7188, 107.8294



62.1744, 70.9251, 78.4718



18.7369, 19.5609, 23.0380



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.



55.9156, 57.2190, 80.0497



68.9434, 69.9311, 104.4721



57.7005, 56.4697, 79.8110



13.1189, 13.5770, 17.3169



8.2159, 3.9015, 41.3684



0.6226, 0.3766, 2.8851

Inverse Universe

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



60.6284, 58.3873, 61.5031



76.4671, 71.8709, 74.8470



64.8474, 72.6911, 61.0664



13.7915, 13.7342, 14.6722



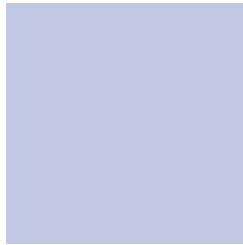
18.0872, 9.3019, 1.8592



1.2805, 0.6555, 0.2699

Previews

White Background



This preview shows how the XYZ color 55.9139, 57.2166, 80.0484 looks on a white background.

Color Contrast Check

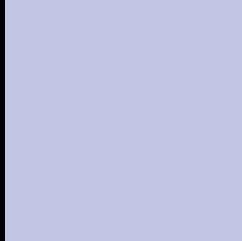
Large Text (above 18pt) WCAG AA × Fail

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 55.9139, 57.2166, 80.0484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

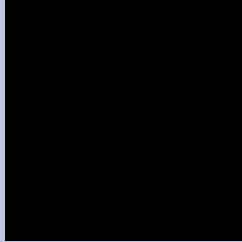
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9139, 57.2166, 80.0484

Background



This preview shows how black text looks on a background with the XYZ color 55.9139, 57.2166, 80.0484.

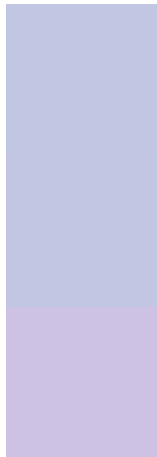


This preview shows how white text looks on a background with the XYZ color 55.9139, 57.2166,

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

55.9139, 57.2166, 80.0484

Protanopia

56.4272, 57.4813, 80.0725

Deuteranopia

58.3338, 57.1088, 80.6216



Tritanopia

54.5348, 57.3428, 73.1597

Trichromacy



Original Color

55.9139, 57.2166, 80.0484

Protanomaly

56.1697, 57.3485, 80.0604

Deuteranomaly

57.4676, 56.9938, 80.6451

Tritanomaly

55.0799, 57.2206, 75.8518

Monochromacy



Original Color

55.9139, 57.2166, 80.0484

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9580, 57.3206, 68.4890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9139, 57.2166, 80.0484 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(193, 198, 226)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 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(193, 198, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 226) }
```

Border

The CSS property to change the border of an element to XYZ 55.9139, 57.2166, 80.0484 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(193, 198, 226) }
```


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

```
.border{ border-color:rgb(193, 198, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 198, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 226);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9139, 57.2166, 80.0484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 226) }
```

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

```
.background{ background-color: rgb(193,  
198, 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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