

Converting Colors

XYZ(57.9609, 60.8030, 81.4504)

Have a look what the booklet for
XYZ(57.9609, 60.8030, 81.4504)
contains.

XYZ(57.9446, 60.6780, 81.3311)	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(57.9446, 60.6780,
81.3311)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CDE3
RGB	194, 205, 227
RGB Percent	76%, 80%, 89%
CMY	0.2392, 0.1961, 0.1098
CMYK	0.15, 0.10, 0.00, 0.11
HSL	220°, 37%, 83%
HSV	220°, 15%, 89%
XYZ	57.9446, 60.6780, 81.3311
YIQ	204.2190, -13.6180, 4.5100

Conversions

Conversions Part 2

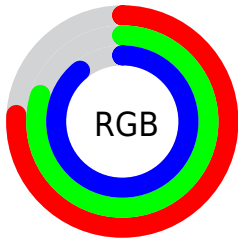
Format	Color
RYB	194, 202, 227
Decimal	12766691
CIELab	82.21, 0.66, -12.15
CIElCh	82, 12.165, 273.131
Yxy	60.6780, 0.2898, 0.3035
Android (android.graphics.Color)	4290956771 (0xFFC2CDE3)
YUV	204.2190, 11.2310, -8.9621
Hunter-Lab	77.8961, -3.5373, -7.3773

Details

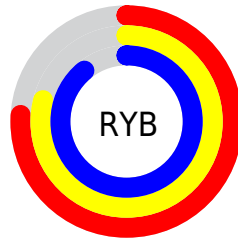
The XYZ color **57.9446, 60.6780, 81.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9725, 69.3376, 60.9466**, and the grayscale version is **57.4718, 60.4648, 65.8462**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.3282, 30.6872, 43.4072** is the 20% darker color. If you saturate the color by 10%, you get **49.1117, 51.0098, 79.9315**, and if you desaturate by 10%, it is **68.0212, 71.5102, 82.8918**.

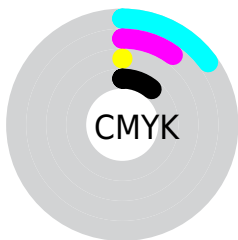
Distribution



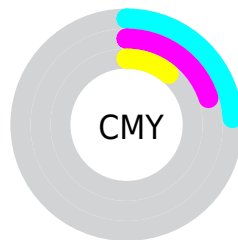
- Red (76%)
- Green (80%)
- Blue (89%)



- Red (76%)
- Yellow (79%)
- Blue (89%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9446, 60.6780, 81.3311 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 57.9446, 60.6780, 81.3311 by changing the saturation by 10% instead.

■ 57.9446, 60.6780,
81.3311

■ 57.9446, 60.6780,
81.3311

406.9367,
427.0924, 519.2321

■ 42.0072, 43.9654,
60.2817

■ 100.9656,
105.8126, 137.0638

■ 29.2981, 30.6433,
43.2190

128.7799,
135.0033, 172.5843

■ 19.4518, 20.3274,
29.7243

161.2839,
169.1221, 213.7655

■ 12.1032, 12.6332,
19.3791

198.8430,
208.5535, 261.0260

■ 6.8867, 7.1765,
11.7650

241.8224,
253.6818, 314.7844

■ 3.4370, 3.5727,
6.4633

290.5876,

■ 1.3889, 1.4375,

304.8915, 375.4592

3.0555

345.5039,
362.5669, 443.4689

■ 0.2483, 0.2441,
1.1230

■ 0.0000, 0.0000,
0.0000

■ 57.9446, 60.6780,
81.3311

■ 57.9446, 60.6780,
81.3311

■ 49.1117, 51.0098,
79.9315

■ 68.0212, 71.5102,
82.8918

■ 41.4668, 42.4575,
78.6836

■ 79.3831, 83.5372,
84.6144

■ 34.9582, 34.9806,
77.5835

■ 89.4153, 95.4260,
86.3804

■ 29.5277, 28.5331,
76.6252

■ 90.8653, 98.3261,
86.8638

■ 25.1120, 23.0653,
75.8025

■ 21.6402, 18.5227,
75.1087

■ 19.0315, 14.8445,
74.5363

■ 17.1891, 11.9602,
74.0766

■ 16.4280, 10.6716,
73.8680

Harmonies

Analogous

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



55.4545, 60.6780, 79.6021



57.9446, 60.6780, 81.3311



60.4331, 60.6780, 78.7247

Triad

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



57.9446, 60.6780, 81.3311



61.9374, 60.6780, 58.5868



53.3500, 60.6780, 59.8389

Complementary

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



57.9446, 60.6780, 81.3311



65.9725, 69.3376, 60.9466

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.



54.9975, 60.6780, 54.8462



57.9446, 60.6780, 81.3311



59.9491, 60.6780, 54.1621

Square

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



57.9446, 60.6780, 81.3311



62.7812, 60.6780, 65.2934



57.4015, 60.6780, 52.8450



52.8490, 60.6780, 66.8488

Rectangle

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



57.9446, 60.6780, 81.3311



61.7425, 60.6780, 74.9854



57.4015, 60.6780, 52.8450



53.7856, 60.6780, 57.8872

Sweetspot

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



57.9464, 60.6805, 81.3325



89.2656, 93.8548, 108.0187



62.0421, 71.3381, 75.0944



18.8802, 19.8475, 23.0858



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.



57.9464, 60.6805, 81.3325



72.3250, 75.6139, 105.3908



56.6981, 56.2663, 80.5462



13.9735, 14.6683, 18.2391



9.6767, 6.4154, 43.1115



0.7980, 0.6400, 3.2134

Inverse Universe

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



61.9913, 59.3237, 65.9437



78.4377, 73.6688, 82.1112



67.3473, 74.3718, 61.8459



14.5742, 14.4469, 15.9581



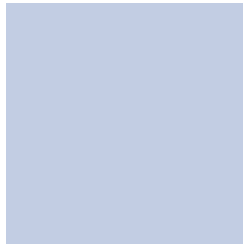
19.2778, 9.8454, 5.0921



1.4664, 0.7443, 0.5968

Previews

White Background



This preview shows how the XYZ color 57.9446, 60.6780, 81.3311 looks on a white background.

Color Contrast Check

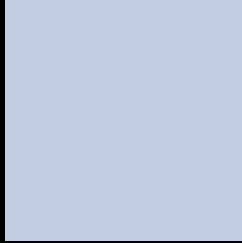
Large Text (above 18pt) WCAG AA × Fail

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 57.9446, 60.6780, 81.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

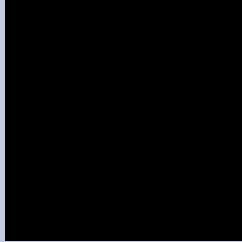
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9446, 60.6780, 81.3311

Background



This preview shows how black text looks on a background with the XYZ color 57.9446, 60.6780, 81.3311.



This preview shows how white text looks on a background with the XYZ color 57.9446, 60.6780,

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

57.9446, 60.6780, 81.3311

Protanopia

59.4405, 60.7594, 80.5464

Deuteranopia

61.8676, 60.5944, 81.8339



Tritanopia

57.2484, 60.7540, 77.8166

Trichromacy



Original Color

57.9446, 60.6780, 81.3311

Protanomaly

58.8735, 60.8188, 80.5877

Deuteranomaly

60.3438, 60.4965, 81.8953

Tritanomaly

57.5182, 60.8619, 79.2370

Monochromacy



Original Color

57.9446, 60.6780, 81.3311

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2959, 60.2186, 70.8909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9446, 60.6780, 81.3311 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(194, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(194, 205, 227)  
}
```

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(194, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 205, 227) }
```

Border

The CSS property to change the border of an element to XYZ 57.9446, 60.6780, 81.3311 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(194, 205, 227) }
```


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

```
.border{ border-color:rgb(194, 205, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 205, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 205, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 205, 227);  
box-shadow:4px 4px 4px 4px rgb(194, 205,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9446, 60.6780, 81.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 205, 227) }
```

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

```
.background{ background-color: rgb(194,  
205, 227) }
```

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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