

Converting Colors

XYZ(57.2696, 61.4216, 80.7886)

Have a look what the booklet for
XYZ(57.2696, 61.4216, 80.7886)
contains.

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Color

**XYZ(57.2696, 61.4216,
80.7886)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD0E2
RGB	189, 208, 226
RGB Percent	74%, 82%, 89%
CMY	0.2588, 0.1843, 0.1137
CMYK	0.16, 0.08, 0.00, 0.11
HSL	209°, 39%, 81%
HSV	209°, 16%, 89%
XYZ	57.2696, 61.4216, 80.7886
YIQ	204.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

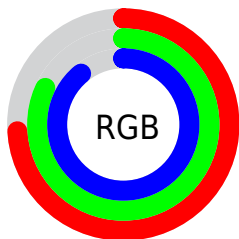
Format	Color
RYB	189, 202, 226
Decimal	12439778
CIELab	82.60, -2.71, -11.05
CIELCh	83, 11.381, 256.222
Yxy	61.4216, 0.2871, 0.3079
Android (android.graphics.Color)	4290629858 (0xFFBDD0E2)
YUV	204.3710, 10.6631, -13.4804
Hunter-Lab	78.3719, -6.7136, -6.2579

Details

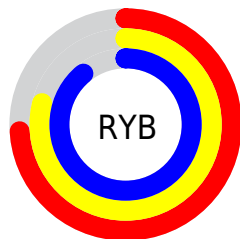
The XYZ color **57.2696, 61.4216, 80.7886** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8625, 64.4683, 57.2757**, and the grayscale version is **57.5731, 60.5713, 65.9622**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.8980, 31.2024, 43.0277** is the 20% darker color. If you saturate the color by 10%, you get **49.5068, 53.5794, 79.6850**, and if you desaturate by 10%, it is **66.0953, 70.0908, 81.9977**.

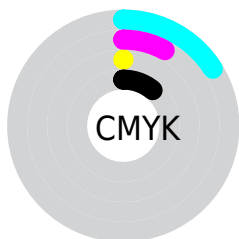
Distribution



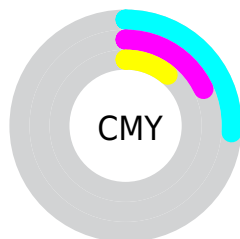
- Red (74%)
- Green (82%)
- Blue (89%)



- Red (74%)
- Yellow (79%)
- Blue (89%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2696, 61.4216, 80.7886 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 57.2696, 61.4216, 80.7886 by changing the saturation by 10% instead.

■ 57.2696, 61.4216,
80.7886

■ 57.2696, 61.4216,
80.7886

404.4566,
429.8181, 517.3632

■ 41.4627, 44.5655,
59.8375

■ 99.9876, 106.8891,
136.2953

■ 28.8701, 31.1153,
42.8632

127.6293,
136.2694, 171.6880

■ 19.1264, 20.6867,
29.4472

159.9468,
170.5931, 212.7316

■ 11.8662, 12.8952,
19.1709

197.3053,
210.2447, 259.8448

■ 6.7242, 7.3564,
11.6158

240.0701,
255.6087, 313.4460

■ 3.3350, 3.6860,
6.3633

288.6068,

■ 1.3333, 1.4995,

307.0693, 373.9538

2.9949

343.2805,
365.0110, 441.7866

■ 0.2079, 0.2884,
1.0920

■ 0.0000, 0.0000,
0.0000

■ 57.2696, 61.4216,
80.7886

■ 57.2696, 61.4216,
80.7886

■ 49.5068, 53.5794,
79.6850

■ 66.0953, 70.0908,
81.9977

■ 42.7575, 46.5283,
78.6798

■ 76.0199, 79.6060,
83.3113

■ 36.9761, 40.2406,
77.7708

■ 86.4180, 89.6517,
84.7023

■ 32.1112, 34.6841,
76.9547

■ 89.7706, 96.3569,
85.8198

■ 28.1061, 29.8232,
76.2276

■ 90.7276, 98.2711,
86.1388

■ 24.8971, 25.6189,
75.5852

■ 22.4104, 22.0265,
75.0228

■ 20.5542, 18.9917,
74.5349

■ 19.9814, 17.9986,
74.3734

Harmonies

Analogous

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



55.1945, 61.4216, 77.0514



57.2696, 61.4216, 80.7886



59.6993, 61.4216, 80.6205

Triad

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



57.2696, 61.4216, 80.7886



62.9991, 61.4216, 63.1954



55.0584, 61.4216, 58.0090

Complementary

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



57.2696, 61.4216, 80.7886



62.8625, 64.4683, 57.2757

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.



57.0791, 61.4216, 54.7927



57.2696, 61.4216, 80.7886



61.6845, 61.4216, 57.6414

Square

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



57.2696, 61.4216, 80.7886



63.0536, 61.4216, 70.1277



59.5034, 61.4216, 54.6630



53.9421, 61.4216, 63.7297

Rectangle

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



57.2696, 61.4216, 80.7886



61.1947, 61.4216, 78.3085



59.5034, 61.4216, 54.6630



55.6518, 61.4216, 56.6171

Sweetspot

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



57.2714, 61.4241, 80.7900



88.5672, 93.7683, 108.0388



59.4319, 69.7119, 69.2812



18.7684, 19.8877, 23.0995



0.0000, 0.0000, 0.0000



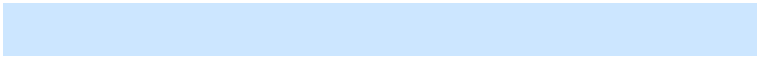
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.2714, 61.4241, 80.7900



71.3024, 76.7586, 105.6656



53.0454, 52.9721, 79.3813



13.5313, 14.4016, 17.4543



11.5187, 10.5069, 42.4693



0.8880, 0.9074, 2.9736

Inverse Universe

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



60.9482, 57.1193, 67.4903



77.1429, 70.1698, 84.4835



67.5793, 73.9018, 58.8480



13.9996, 13.8175, 15.7682



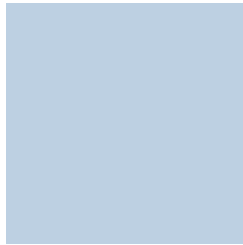
19.7543, 9.9687, 10.6378



1.4145, 0.7091, 0.9754

Previews

White Background



This preview shows how the XYZ color 57.2696, 61.4216, 80.7886 looks on a white background.

Color Contrast Check

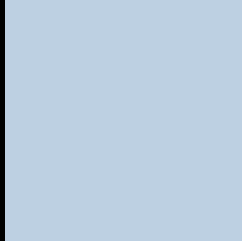
Large Text (above 18pt) WCAG AA × Fail

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 57.2696, 61.4216, 80.7886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

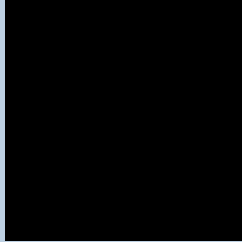
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

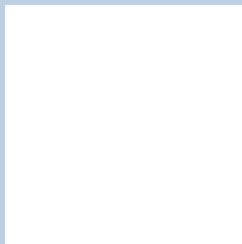
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2696, 61.4216, 80.7886

Background



This preview shows how black text looks on a background with the XYZ color 57.2696, 61.4216, 80.7886.



This preview shows how white text looks on a background with the XYZ color 57.2696, 61.4216,

80.7886.

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

57.2696, 61.4216, 80.7886

Protanopia

59.8140, 61.3508, 78.5014

Deuteranopia

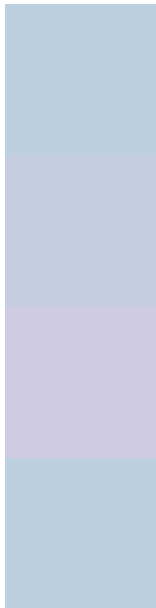
62.6822, 61.3571, 81.9382



Tritanopia

57.1327, 61.3668, 80.0679

Trichromacy



Original Color

57.2696, 61.4216, 80.7886

Protanomaly

58.8391, 61.1866, 79.2300

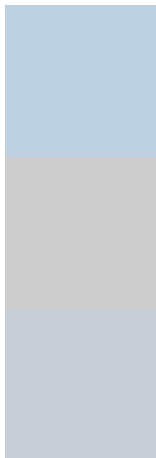
Deuteranomaly

60.6747, 61.3797, 81.3226

Tritanomaly

57.1327, 61.3668, 80.0679

Monochromacy



Original Color

57.2696, 61.4216, 80.7886

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2682, 60.5582, 70.9579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2696, 61.4216, 80.7886 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(189, 208, 226)` looks like.

```
.text, #text, p{  
    color:rgb(189, 208, 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(189, 208, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 208, 226) }
```

Border

The CSS property to change the border of an element to XYZ 57.2696, 61.4216, 80.7886 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(189, 208, 226) }
```


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

```
.border{ border-color:rgb(189, 208, 226) }
```

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

Here you see how a box with a 4 pixel rgb(189, 208, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 208, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 208, 226);  
box-shadow:4px 4px 4px 4px rgb(189, 208,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2696, 61.4216, 80.7886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 208, 226) }
```

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

```
.background{ background-color: rgb(189,  
208, 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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