

Converting Colors

XYZ(57.9787, 60.8990, 80.8775)

Have a look what the booklet for
XYZ(57.9787, 60.8990, 80.8775)
contains.

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Color

**XYZ(58.0469, 61.1029,
80.6862)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CEE2
RGB	194, 206, 226
RGB Percent	76%, 81%, 89%
CMY	0.2392, 0.1921, 0.1137
CMYK	0.14, 0.09, 0.00, 0.11
HSL	217°, 36%, 82%
HSV	217°, 14%, 89%
XYZ	58.0469, 61.1029, 80.6862
YIQ	204.6920, -13.5720, 3.6760

Conversions

Conversions Part 2

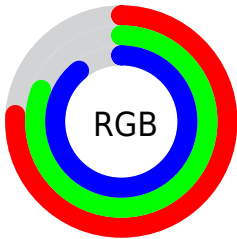
Format	Color
RYB	194, 203, 226
Decimal	12766946
CIELab	82.43, -0.07, -11.27
CIELCh	82, 11.272, 269.634
Yxy	61.1029, 0.2905, 0.3058
Android (android.graphics.Color)	4290957026 (0xFFC2CEE2)
YUV	204.6920, 10.5048, -9.3769
Hunter-Lab	78.1683, -4.2426, -6.4819

Details

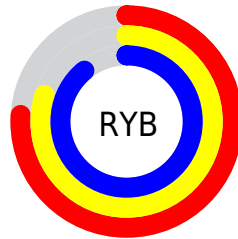
The XYZ color **58.0469, 61.1029, 80.6862** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1487, 68.1568, 60.7621**, and the grayscale version is **57.7758, 60.7846, 66.1944**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.3941, 30.9722, 42.9571** is the 20% darker color. If you saturate the color by 10%, you get **49.4335, 51.8413, 79.3535**, and if you desaturate by 10%, it is **67.8516, 71.4354, 82.1648**.

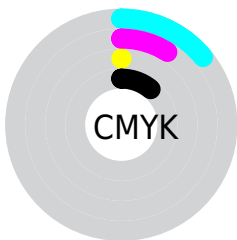
Distribution



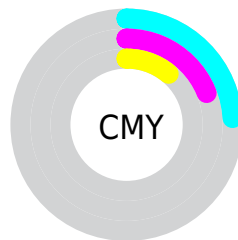
- Red (76%)
- Green (81%)
- Blue (89%)



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



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0469, 61.1029, 80.6862 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 58.0469, 61.1029, 80.6862 by changing the saturation by 10% instead.

■ 58.0469, 61.1029,
80.6862

■ 58.0469, 61.1029,
80.6862

407.3117,
428.6512, 517.0100

■ 42.0898, 44.3082,
59.7537

■ 101.1137,
106.4279, 136.1502

■ 29.3630, 30.9129,
42.7961

128.9541,
135.7270, 171.5187

■ 19.5013, 20.5325,
29.3950

161.4863,
169.9631, 212.5364

■ 12.1392, 12.7827,
19.1317

199.0757,
209.5205, 259.6216

■ 6.9114, 7.2791,
11.5877

242.0875,
254.7836, 313.1931

■ 3.4526, 3.6373,
6.3445

290.8873,

■ 1.3974, 1.4728,

306.1368, 373.6693

2.9835

345.8402,
363.9645, 441.4687

■ 0.2544, 0.2695,
1.0862

■ 0.0000, 0.0000,
0.0000

■ 58.0469, 61.1029,
80.6862

■ 58.0469, 61.1029,
80.6862

■ 49.4335, 51.8413,
79.3535

■ 67.8516, 71.4354,
82.1648

■ 41.9582, 43.6065,
78.1580

■ 78.8870, 82.8657,
83.7894

■ 35.5718, 36.3624,
77.0963

■ 88.6502, 94.1162,
85.4464

■ 30.2190, 30.0674,
76.1634

■ 90.7277, 98.2711,
86.1389

■ 25.8394, 24.6769,
75.3538

■ 22.3656, 20.1419,
74.6615

■ 19.7208, 16.4075,
74.0801

■ 17.8126, 13.4101,
73.6021

■ 16.9580, 11.9517,
73.3657

Harmonies

Analogous

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



55.7679, 61.1029, 78.6360



58.0469, 61.1029, 80.6862



60.3953, 61.1029, 78.7307

Triad

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



58.0469, 61.1029, 80.6862



62.1933, 61.1029, 60.1891



54.1737, 61.1029, 60.0519

Complementary

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



58.0469, 61.1029, 80.6862



65.1487, 68.1568, 60.7621

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.



55.8178, 61.1029, 55.6609



58.0469, 61.1029, 80.6862



60.4479, 61.1029, 55.7362

Square

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



58.0469, 61.1029, 80.6862



62.8290, 61.1029, 66.6154



58.1061, 61.1029, 54.1359



53.5698, 61.1029, 66.4460

Rectangle

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



58.0469, 61.1029, 80.6862



61.6750, 61.1029, 75.4907



58.1061, 61.1029, 54.1359



54.6208, 61.1029, 58.3092

Sweetspot

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



58.0487, 61.1054, 80.6876



89.3966, 94.1168, 108.0624



61.5492, 70.7046, 73.8444



18.9133, 19.9137, 23.0968



0.0000, 0.0000, 0.0000



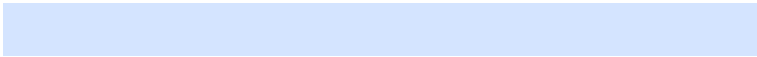
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0487, 61.1054, 80.6876



72.8192, 76.6023, 105.5555



56.2389, 56.0454, 79.8063



13.3712, 14.0814, 17.4009



9.7795, 7.0285, 41.8896



0.7620, 0.6554, 2.9316

Inverse Universe

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



61.7979, 59.2099, 66.5669



78.6871, 73.7686, 83.4246



67.1410, 73.8606, 61.7580



13.9188, 13.7852, 15.3426



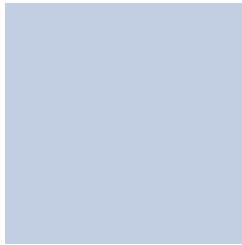
18.8764, 9.6176, 6.0150



1.3509, 0.6836, 0.6405

Previews

White Background



This preview shows how the XYZ color 58.0469, 61.1029, 80.6862 looks on a white background.

Color Contrast Check

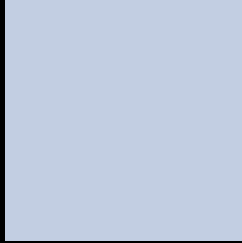
Large Text (above 18pt) WCAG AA × Fail

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 58.0469, 61.1029, 80.6862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

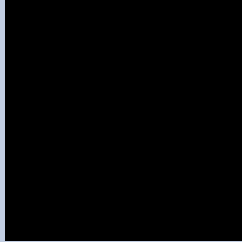
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0469, 61.1029, 80.6862

Background



This preview shows how black text looks on a background with the XYZ color 58.0469, 61.1029, 80.6862.



This preview shows how white text looks on a background with the XYZ color 58.0469, 61.1029,

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

58.0469, 61.1029, 80.6862

Protanopia

59.6760, 61.2641, 79.2009

Deuteranopia

62.0201, 60.6890, 81.1184



Tritanopia

57.6244, 61.2908, 78.6052

Trichromacy



Original Color

58.0469, 61.1029, 80.6862

Protanomaly

59.2413, 61.3782, 79.9590

Deuteranomaly

60.7178, 61.0525, 81.2572

Tritanomaly

57.7597, 61.3449, 79.3175

Monochromacy



Original Color

58.0469, 61.1029, 80.6862

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.9290, 60.8842, 71.6494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0469, 61.1029, 80.6862 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, 206, 226)` looks like.

```
.text, #text, p{  
    color:rgb(194, 206, 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(194, 206, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 206, 226) }
```

Border

The CSS property to change the border of an element to XYZ 58.0469, 61.1029, 80.6862 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, 206, 226) }
```


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

```
.border{ border-color:rgb(194, 206, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 206, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 206, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 206, 226);  
box-shadow:4px 4px 4px 4px rgb(194, 206,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0469, 61.1029, 80.6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 206, 226) }
```

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

```
.background{ background-color: rgb(194,  
206, 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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