

Converting Colors

XYZ(60.7179, 65.2289, 81.0153)

Have a look what the booklet for
XYZ(60.7179, 65.2289, 81.0153)
contains.

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Color

**XYZ(60.5477, 64.9498,
81.2969)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D5E2
RGB	197, 213, 226
RGB Percent	77%, 84%, 89%
CMY	0.2274, 0.1647, 0.1137
CMYK	0.13, 0.06, 0.00, 0.11
HSL	207°, 33%, 83%
HSV	207°, 13%, 89%
XYZ	60.5477, 64.9498, 81.2969
YIQ	209.6980, -13.7090, 0.6510

Conversions

Conversions Part 2

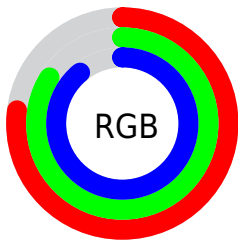
Format	Color
R _Y B	197, 207, 226
Decimal	12965346
CIE Lab	84.46, -2.79, -8.24
CIE LCh	84, 8.697, 251.296
Yxy	64.9498, 0.2928, 0.3141
Android (android.graphics.Color)	4291155426 (0xFFC5D5E2)
YUV	209.6980, 8.0369, -11.1361
Hunter-Lab	80.5914, -6.9294, -3.3950

Details

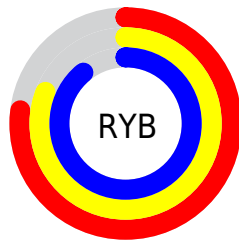
The XYZ color **60.5477, 64.9498, 81.2969** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4891, 66.2930, 62.2215**, and the grayscale version is **61.0176, 64.1952, 69.9086**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.9052, 33.2336, 43.3139** is the 20% darker color. If you saturate the color by 10%, you get **52.5995, 57.1892, 80.2189**, and if you desaturate by 10%, it is **69.5460, 73.4915, 82.4724**.

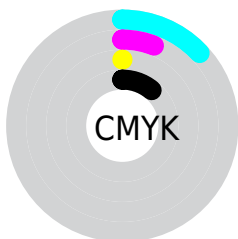
Distribution



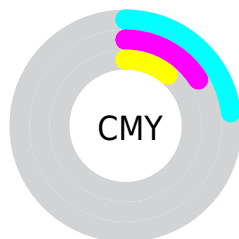
- Red (77%)
- Green (84%)
- Blue (89%)



- Red (77%)
- Yellow (81%)
- Blue (89%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5477, 64.9498, 81.2969 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 60.5477, 64.9498, 81.2969 by changing the saturation by 10% instead.

■ 60.5477, 64.9498,
81.2969

■ 60.5477, 64.9498,
81.2969

416.4161,
442.6116, 519.1144

■ 44.1114, 47.4204,
60.2537

104.7256,
111.9777, 137.0154

■ 30.9564, 33.3681,
43.1965

133.1979,
142.2449, 172.5278

■ 20.7173, 22.4086,
29.7068

166.4129,
177.5269, 213.7004

■ 13.0288, 14.1574,
19.3660

204.7360,
218.2080, 260.9516

■ 7.5255, 8.2302,
11.7556

248.5325,
264.6726, 314.7001

■ 3.8421, 4.2426,
6.4569

298.1678,

■ 1.6132, 1.8102,

317.3052, 375.3644

3.0516

354.0072,
376.4900, 443.3629

■ 0.4010, 0.4935,
1.1211

■ 0.0000, 0.0000,
0.0000

■ 60.5477, 64.9498,
81.2969

■ 60.5477, 64.9498,
81.2969

■ 52.5995, 57.1892,
80.2189

■ 69.5460, 73.4915,
82.4724

■ 45.6536, 50.1755,
79.2312

■ 79.6284, 82.8307,
83.7436

■ 39.6664, 43.8836,
78.3323

■ 87.1355, 91.0867,
84.9415

■ 34.5891, 38.2838,
77.5190

■ 90.2574, 97.3305,
85.9822

■ 30.3678, 33.3437,
76.7880

■ 90.7277, 98.2711,
86.1389

■ 26.9428, 29.0276,
76.1354

■ 24.2451, 25.2950,
75.5571

■ 22.1925, 22.0984,
75.0483

■ 21.0250, 20.0857,
74.7214

Harmonies

Analogous

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



58.9802, 64.9498, 77.9851



60.5477, 64.9498, 81.2969



62.4643, 64.9498, 81.6884

Triad

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



60.5477, 64.9498, 81.2969



65.4527, 64.9498, 68.6531



59.3105, 64.9498, 63.0139

Complementary

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



60.5477, 64.9498, 81.2969



64.4891, 66.2930, 62.2215

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.



61.0071, 64.9498, 60.7789



60.5477, 64.9498, 81.2969



64.5698, 64.9498, 63.9194

Square

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



60.5477, 64.9498, 81.2969



65.3235, 64.9498, 74.1907



62.9333, 64.9498, 61.1014



58.2763, 64.9498, 67.3579

Rectangle

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



60.5477, 64.9498, 81.2969



63.6853, 64.9498, 80.2181



62.9333, 64.9498, 61.1014



59.8207, 64.9498, 62.0016

Sweetspot

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



60.5496, 64.9525, 81.2983



89.9554, 95.2344, 108.2487



61.8024, 70.8958, 71.1182



19.0546, 20.1963, 23.1439



0.0000, 0.0000, 0.0000



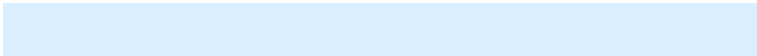
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5496, 64.9525, 81.2983



77.1240, 82.9994, 106.5634



57.1628, 58.1788, 80.1694



13.5760, 14.4910, 17.4692



12.1148, 11.6992, 42.6680



0.9287, 0.9889, 2.9872

Inverse Universe

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



63.3421, 60.9068, 71.3716



81.4001, 76.9216, 91.3361



68.1168, 73.5483, 63.4307



14.0222, 13.8265, 15.8870



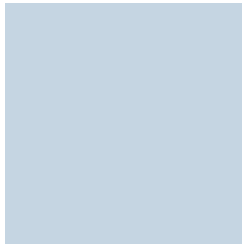
20.0552, 10.0891, 12.2224



1.4350, 0.7173, 1.0838

Previews

White Background



This preview shows how the XYZ color 60.5477, 64.9498, 81.2969 looks on a white background.

Color Contrast Check

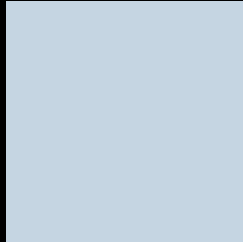
Large Text (above 18pt) WCAG AA × Fail

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 60.5477, 64.9498, 81.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

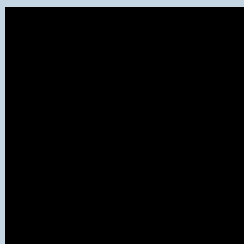
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

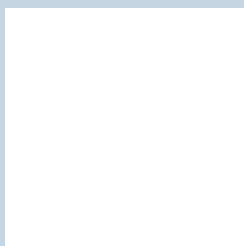
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5477, 64.9498, 81.2969

Background



This preview shows how black text looks on a background with the XYZ color 60.5477, 64.9498, 81.2969.

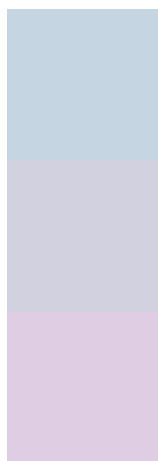


This preview shows how white text looks on a background with the XYZ color 60.5477, 64.9498,

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

60.5477, 64.9498, 81.2969

Protanopia

62.8334, 64.6844, 79.6947

Deuteranopia

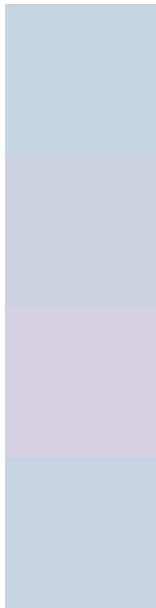
66.2663, 64.9521, 82.4432



Tritanopia

60.9750, 64.7499, 83.4130

Trichromacy



Original Color

60.5477, 64.9498, 81.2969

Protanomaly

61.8140, 64.5086, 80.4276

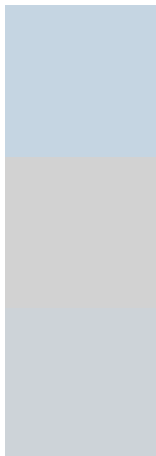
Deuteranomaly

64.1526, 64.9539, 81.8292

Tritanomaly

60.8358, 64.6942, 82.6796

Monochromacy



Original Color

60.5477, 64.9498, 81.2969

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.8658, 64.5255, 74.2125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5477, 64.9498, 81.2969 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, 213, 226)` looks like.

```
.text, #text, p{  
    color:rgb(197, 213, 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, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 213, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.5477, 64.9498, 81.2969 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, 213, 226) }
```


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

```
.border{ border-color:rgb(197, 213, 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, 213, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(197, 213,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5477, 64.9498, 81.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 213, 226) }
```

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

```
.background{ background-color: rgb(197,  
213, 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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