

Converting Colors

XYZ(61.6868, 65.4070, 81.5579)

Have a look what the booklet for
XYZ(61.6868, 65.4070, 81.5579)
contains.

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Color

**XYZ(61.6091, 65.4970,
81.3465)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D5E2
RGB	201, 213, 226
RGB Percent	79%, 84%, 89%
CMY	0.2118, 0.1647, 0.1137
CMYK	0.11, 0.06, 0.00, 0.11
HSL	211°, 30%, 84%
HSV	211°, 11%, 89%
XYZ	61.6091, 65.4970, 81.3465
YIQ	210.8940, -11.3250, 1.4990

Conversions

Conversions Part 2

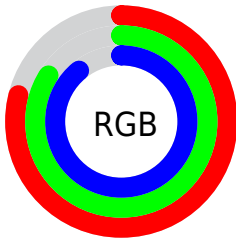
Format	Color
R _Y B	201, 209, 226
Decimal	13227490
CIE Lab	84.74, -1.50, -7.79
CIE LCh	85, 7.933, 259.085
Yxy	65.4970, 0.2956, 0.3142
Android (android.graphics.Color)	4291417570 (0xFFC9D5E2)
YUV	210.8940, 7.4473, -8.6770
Hunter-Lab	80.9302, -5.7426, -2.9438

Details

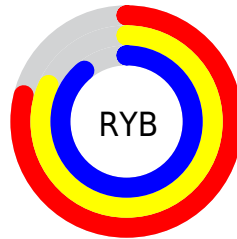
The XYZ color **61.6091, 65.4970, 81.3465** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9535, 68.4785, 65.0011**, and the grayscale version is **61.8062, 65.0250, 70.8122**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6102, 33.5970, 43.3469** is the 20% darker color. If you saturate the color by 10%, you get **53.1264, 56.8962, 80.1345**, and if you desaturate by 10%, it is **71.2037, 74.9924, 82.6746**.

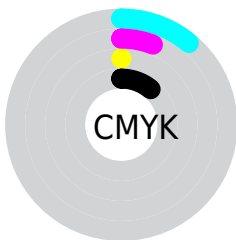
Distribution



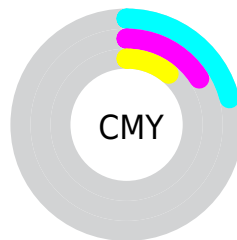
- Red (79%)
- Green (84%)
- Blue (89%)



- Red (79%)
- Yellow (82%)
- Blue (89%)



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



- Cyan (21%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6091, 65.4970, 81.3465 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 61.6091, 65.4970, 81.3465 by changing the saturation by 10% instead.

■ 61.6091, 65.4970,
81.3465

■ 61.6091, 65.4970,
81.3465

420.2441,
444.5758, 519.2851

■ 44.9713, 47.8642,
60.2943

106.2535,
112.7641, 137.0856

■ 31.6360, 33.7194,
43.2291

134.9908,
143.1672, 172.6097

■ 21.2378, 22.6781,
29.7322

168.4921,
178.5958, 213.7948

■ 13.4114, 14.3560,
19.3851

207.1225,
219.4343, 261.0595

■ 7.7914, 8.3687,
11.7692

251.2476,
266.0672, 314.8224

■ 4.0124, 4.3317,
6.4661

301.2327,

■ 1.7092, 1.8608,

318.8788, 375.5019

3.0572

357.4431,
378.2536, 443.5166

■ 0.4620, 0.5247,
1.1239

■ 0.0000, 0.0000,
0.0000

■ 61.6091, 65.4970,
81.3465

■ 61.6091, 65.4970,
81.3465

■ 53.1264, 56.8962,
80.1345

■ 71.2037, 74.9924,
82.6746

■ 45.7063, 49.1526,
79.0309

■ 81.9452, 85.4016,
84.1177

■ 39.3045, 42.2382,
78.0337

■ 88.6127, 94.0412,
85.4339

■ 33.8708, 36.1200,
77.1392

■ 90.7277, 98.2711,
86.1388

■ 29.3506, 30.7625,
76.3433

■ 25.6832, 26.1265,
75.6418

■ 22.7997, 22.1686,
75.0298

■ 20.6184, 18.8381,
74.5019

■ 19.1441, 16.3239,
74.0943

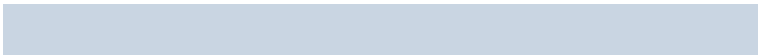
Harmonies

Analogous

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



60.0450, 65.4970, 78.9570



61.6091, 65.4970, 81.3465



63.3752, 65.4970, 80.9538

Triad

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



61.6091, 65.4970, 81.3465



65.5333, 65.4970, 68.1676



59.7101, 65.4970, 65.1049

Complementary

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



61.6091, 65.4970, 81.3465



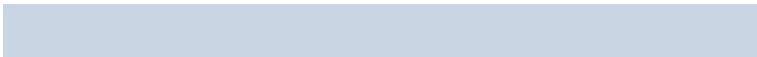
65.9535, 68.4785, 65.0011

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.



61.1440, 65.4970, 62.4736



61.6091, 65.4970, 81.3465



64.5144, 65.4970, 64.1829

Square

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



61.6091, 65.4970, 81.3465



65.6636, 65.4970, 73.1814



62.9012, 65.4970, 62.1443



58.9625, 65.4970, 69.4808

Rectangle

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



61.6091, 65.4970, 81.3465



64.4289, 65.4970, 79.1719



62.9012, 65.4970, 62.1443



60.1265, 65.4970, 63.9961

Sweetspot

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



61.6110, 65.4997, 81.3480



91.0357, 96.0666, 108.3523



63.4118, 71.6621, 74.0536



19.2607, 20.3411, 23.1610



0.0000, 0.0000, 0.0000



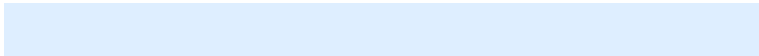
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6110, 65.4997, 81.3480



78.6348, 83.7389, 106.6265



58.8148, 59.7408, 80.3838



13.4923, 14.3237, 17.4413



11.0391, 9.5477, 42.3094



0.8545, 0.8404, 2.9624

Inverse Universe

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



64.2624, 62.7475, 71.6785



82.7197, 79.5822, 91.7100



68.9735, 74.7123, 66.0451



13.9800, 13.8096, 15.6646



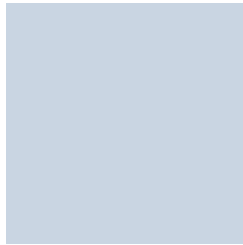
19.5122, 9.8719, 9.3631



1.3976, 0.7023, 0.8863

Previews

White Background



This preview shows how the XYZ color 61.6091, 65.4970, 81.3465 looks on a white background.

Color Contrast Check

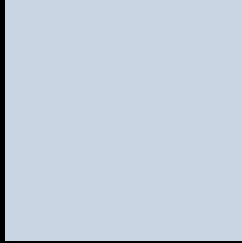
Large Text (above 18pt) WCAG AA × Fail

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 61.6091, 65.4970, 81.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

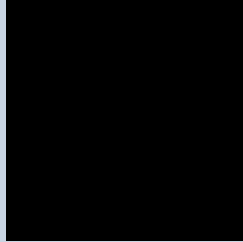
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

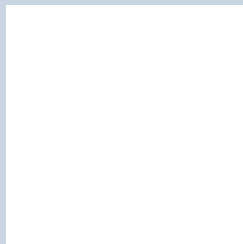
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6091, 65.4970, 81.3465

Background



This preview shows how black text looks on a background with the XYZ color 61.6091, 65.4970, 81.3465.

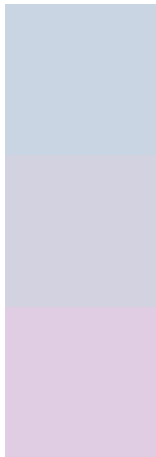


This preview shows how white text looks on a background with the XYZ color 61.6091, 65.4970,

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

61.6091, 65.4970, 81.3465

Protanopia

63.3651, 65.3239, 79.7901

Deuteranopia

66.5754, 65.1114, 82.4576



Tritanopia

62.0435, 65.3007, 83.4630

Trichromacy



Original Color

61.6091, 65.4970, 81.3465

Protanomaly

62.6170, 65.2902, 80.5362

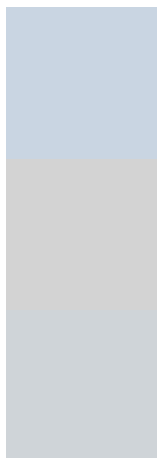
Deuteranomaly

64.7399, 65.2567, 81.8567

Tritanomaly

61.9042, 65.2450, 82.7296

Monochromacy



Original Color

61.6091, 65.4970, 81.3465

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.6703, 65.3102, 74.3215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6091, 65.4970, 81.3465 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(201, 213, 226)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 213, 226) }
```

Border

The CSS property to change the border of an element to XYZ 61.6091, 65.4970, 81.3465 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(201, 213, 226) }
```


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

```
.border{ border-color:rgb(201, 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(201, 213, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(201, 213,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6091, 65.4970, 81.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 213, 226) }
```

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

```
.background{ background-color: rgb(201,  
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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