

Converting Colors

XYZ(61.6321, 66.2990, 81.3460)

Have a look what the booklet for
XYZ(61.6321, 66.2990, 81.3460)
contains.

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Color

**XYZ(61.5811, 66.2340,
81.4903)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D7E2
RGB	199, 215, 226
RGB Percent	78%, 84%, 89%
CMY	0.2196, 0.1568, 0.1137
CMYK	0.12, 0.05, 0.00, 0.11
HSL	204°, 32%, 83%
HSV	204°, 12%, 89%
XYZ	61.5811, 66.2340, 81.4903
YIQ	211.4700, -13.0670, 0.0290

Conversions

Conversions Part 2

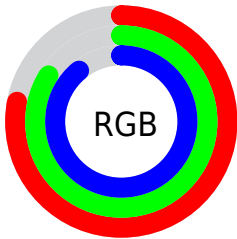
Format	Color
R _Y B	199, 209, 226
Decimal	13096930
CIE Lab	85.12, -3.19, -7.25
CIE LCh	85, 7.918, 246.240
Yxy	66.2340, 0.2942, 0.3164
Android (android.graphics.Color)	4291287010 (0xFFC7D7E2)
YUV	211.4700, 7.1633, -10.9362
Hunter-Lab	81.3843, -7.3567, -2.3983

Details

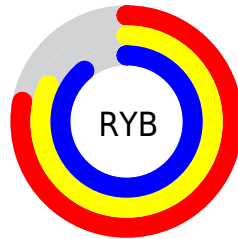
The XYZ color **61.5811, 66.2340, 81.4903** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7198, 66.3851, 63.4365**, and the grayscale version is **62.1896, 65.4283, 71.2514**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5985, 34.1016, 43.4449** is the 20% darker color. If you saturate the color by 10%, you get **53.7463, 58.8144, 80.4722**, and if you desaturate by 10%, it is **70.4422, 74.3820, 82.5970**.

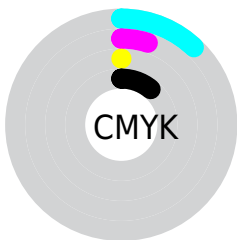
Distribution



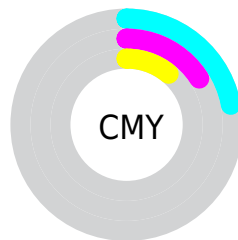
- Red (78%)
- Green (84%)
- Blue (89%)



- Red (78%)
- Yellow (82%)
- Blue (89%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5811, 66.2340, 81.4903 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 61.5811, 66.2340, 81.4903 by changing the saturation by 10% instead.

■ 61.5811, 66.2340,
81.4903

■ 61.5811, 66.2340,
81.4903

420.1434,
447.2133, 519.7798

■ 44.9486, 48.4624,
60.4121

106.2132,
113.8221, 137.2893

■ 31.6181, 34.1932,
43.3234

134.9436,
144.4074, 172.8471

■ 21.2241, 23.0421,
29.8057

168.4373,
180.0327, 214.0686

■ 13.4013, 14.6246,
19.4404

207.0597,
221.0824, 261.3723

■ 7.7843, 8.5563,
11.8089

251.1762,
267.9410, 315.1768

■ 4.0079, 4.4529,
6.4927

301.1520,

■ 1.7066, 1.9300,

320.9927, 375.9004

3.0733

357.3526,
380.6220, 443.9619

■ 0.4604, 0.5663,
1.1322

■ 0.0000, 0.0000,
0.0000

■ 61.5811, 66.2340,
81.4903

■ 61.5811, 66.2340,
81.4903

■ 53.7463, 58.8144,
80.4722

■ 70.4422, 74.3820,
82.5970

■ 46.8908, 52.0905,
79.5356

■ 80.3625, 83.2732,
83.7903

■ 40.9722, 46.0389,
78.6795

■ 86.9045, 90.6247,
84.8645

■ 35.9427, 40.6316,
77.9009

■ 89.7229, 96.2615,
85.8040

■ 31.7499, 35.8382,
77.1966

■ 90.7277, 98.2711,
86.1389

■ 28.3352, 31.6250,
76.5634

■ 25.6318, 27.9537,
75.9972

■ 23.5598, 24.7794,
75.4937

■ 22.2463, 22.5282,
75.1285

Harmonies

Analogous

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



60.2264, 66.2340, 78.0841



61.5811, 66.2340, 81.4903



63.3271, 66.2340, 82.3336

Triad

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



61.5811, 66.2340, 81.4903



66.4262, 66.2340, 71.0547



60.9467, 66.2340, 64.4788

Complementary

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



61.5811, 66.2340, 81.4903



64.7198, 66.3851, 63.4365

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.



62.5812, 66.2340, 62.7836



61.5811, 66.2340, 81.4903



65.7616, 66.2340, 66.4630

Square

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



61.5811, 66.2340, 81.4903



66.1463, 66.2340, 76.1496



64.3460, 66.2340, 63.4926



59.8650, 66.2340, 68.2304

Rectangle

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



61.5811, 66.2340, 81.4903



64.4827, 66.2340, 81.2954



64.3460, 66.2340, 63.4926



61.4486, 66.2340, 63.6578

Sweetspot

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



61.5830, 66.2368, 81.4918



90.0854, 95.4945, 108.2920



62.3586, 71.1792, 71.2957



19.0875, 20.2622, 23.1549



0.0000, 0.0000, 0.0000



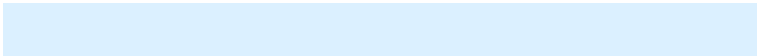
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5830, 66.2368, 81.4918



78.6493, 84.9178, 106.8533



58.3320, 59.7348, 80.4081



13.6240, 14.5871, 17.4852



12.8108, 13.0911, 42.9000



0.9753, 1.0820, 3.0027

Inverse Universe

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



64.0547, 61.9233, 72.8695



82.4464, 78.3983, 93.5835



68.1418, 73.2292, 64.5772



14.0464, 13.8362, 16.0147



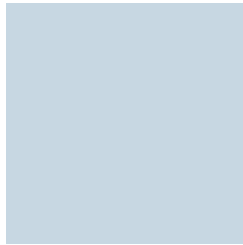
20.4065, 10.2296, 14.0722



1.4585, 0.7267, 1.2075

Previews

White Background



This preview shows how the XYZ color 61.5811, 66.2340, 81.4903 looks on a white background.

Color Contrast Check

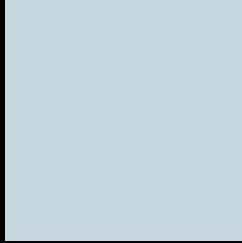
Large Text (above 18pt) WCAG AA × Fail

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 61.5811, 66.2340, 81.4903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

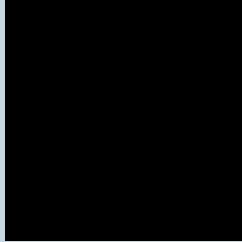
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

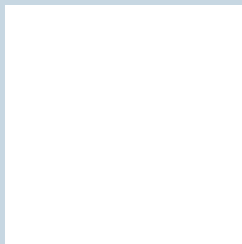
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5811, 66.2340, 81.4903

Background



This preview shows how black text looks on a background with the XYZ color 61.5811, 66.2340, 81.4903.

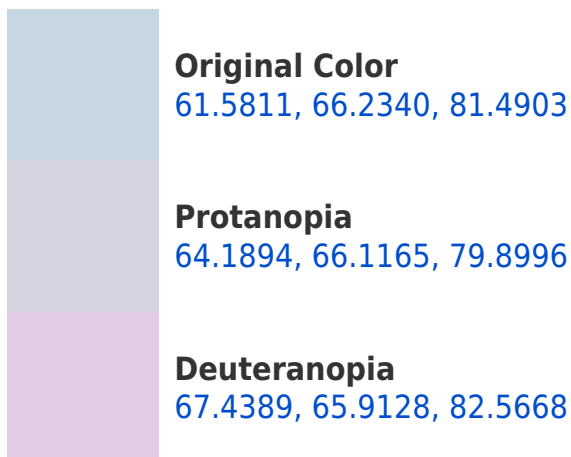


This preview shows how white text looks on a background with the XYZ color 61.5811, 66.2340,

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





Tritanopia

62.2898, 66.1420, 85.0850

Trichromacy



Original Color

61.5811, 66.2340, 81.4903

Protanomaly

63.1465, 65.9331, 80.6323

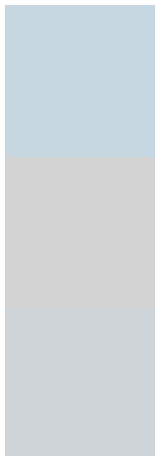
Deuteranomaly

64.9845, 65.7459, 81.9382

Tritanomaly

62.0088, 66.0296, 83.6055

Monochromacy



Original Color

61.5811, 66.2340, 81.4903

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 61.5811, 66.2340, 81.4903 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(199, 215, 226)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 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(199, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 226) }
```

Border

The CSS property to change the border of an element to XYZ 61.5811, 66.2340, 81.4903 is called "border". The border property can be set on classes, ids or directly on the HTML element.

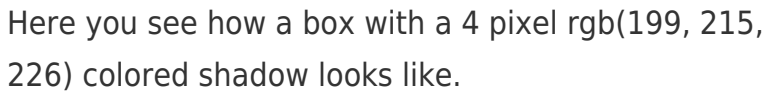
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 215, 226) }
```


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

```
.border{ border-color:rgb(199, 215, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 215, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 215, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 215, 226);  
box-shadow:4px 4px 4px 4px rgb(199, 215,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5811, 66.2340, 81.4903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 226) }
```

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

```
.background{ background-color: rgb(199,  
215, 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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