

Converting Colors

XYZ(61.3890, 66.6358, 85.3011)

Have a look what the booklet for
XYZ(61.3890, 66.6358, 85.3011)
contains.

XYZ(61.4848, 66.8646, 85.2669)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.4848, 66.8646,
85.2669)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D9E7
RGB	194, 217, 231
RGB Percent	76%, 85%, 91%
CMY	0.2392, 0.1490, 0.0941
CMYK	0.16, 0.06, 0.00, 0.09
HSL	203°, 44%, 83%
HSV	203°, 16%, 91%
XYZ	61.4848, 66.8646, 85.2669
YIQ	211.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

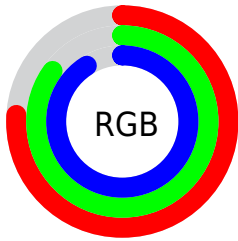
Format	Color
RYB	194, 208, 231
Decimal	12769767
CIELab	85.44, -4.79, -9.46
CIELCh	85, 10.604, 243.118
Yxy	66.8646, 0.2878, 0.3130
Android (android.graphics.Color)	4290959847 (0xFFC2D9E7)
YUV	211.7190, 9.5055, -15.5396
Hunter-Lab	81.7708, -8.8818, -4.5854

Details

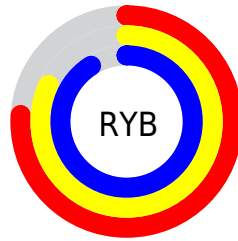
The XYZ color **61.4848, 66.8646, 85.2669** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2489, 65.9956, 60.3396**, and the grayscale version is **62.3420, 65.5886, 71.4260**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **31.4734, 34.5113, 45.5600** is the 20% darker color. If you saturate the color by 10%, you get **53.8180, 59.6581, 84.2811**, and if you desaturate by 10%, it is **70.1964, 74.7903, 86.3386**.

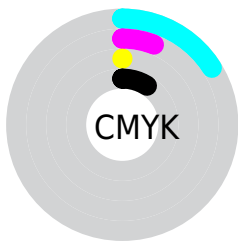
Distribution



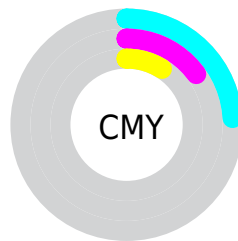
- Red (76%)
- Green (85%)
- Blue (91%)



- Red (76%)
- Yellow (82%)
- Blue (91%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4848, 66.8646, 85.2669 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 61.4848, 66.8646, 85.2669 by changing the saturation by 10% instead.

■ 61.4848, 66.8646,
85.2669

■ 61.4848, 66.8646,
85.2669

419.7969,
449.4627, 532.6784

■ 44.8706, 48.9746,
63.5105

■ 106.0747,
114.7264, 142.6235

■ 31.5563, 34.5993,
45.8107

134.7811,
145.4669, 179.0608

■ 21.1767, 23.3544,
31.7489

168.2489,
181.2598, 221.2288

■ 13.3665, 14.8554,
20.9065

206.8435,
222.4894, 269.5460

■ 7.7601, 8.7180,
12.8651

250.9303,
269.5401, 324.4311

■ 3.9923, 4.5577,
7.2061

300.8745,

■ 1.6978, 1.9902,

322.7963, 386.3025

3.5109

357.0416,
382.6423, 455.5787

■ 0.4549, 0.6017,
1.3611

■ 0.0000, 0.0000,
0.1111

■ 61.4848, 66.8646,
85.2669

■ 61.4848, 66.8646,
85.2669

■ 53.8180, 59.6581,
84.2811

■ 70.1964, 74.7903,
86.3386

■ 47.1459, 53.1369,
83.3740

■ 79.9883, 83.4509,
87.4942

■ 41.4227, 47.2766,
82.5445

■ 87.7808, 91.2631,
88.5914

■ 36.5966, 42.0474,
81.7895

■ 90.4618, 96.6251,
89.4851

■ 32.6104, 37.4171,
81.1059

■ 91.4240, 98.5496,
89.8058

■ 29.3997, 33.3494,
80.4900

■ 26.8896, 29.8026,
79.9377

■ 24.9876, 26.7259,
79.4440

■ 24.3389, 25.5994,
79.2608

Harmonies

Analogous

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



59.7579, 66.8646, 80.2823



61.4848, 66.8646, 85.2669



63.8047, 66.8646, 86.8448

Triad

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



61.4848, 66.8646, 85.2669



68.2829, 66.8646, 72.0862



61.0596, 66.8646, 62.2660

Complementary

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



61.4848, 66.8646, 85.2669



65.2489, 65.9956, 60.3396

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.



63.3016, 66.8646, 60.3649



61.4848, 66.8646, 85.2669



67.5050, 66.8646, 65.8055

Square

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



61.4848, 66.8646, 85.2669



67.7672, 66.8646, 78.9579



65.6667, 66.8646, 61.6192



59.5168, 66.8646, 66.9788

Rectangle

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



61.4848, 66.8646, 85.2669



65.3857, 66.8646, 85.6760



65.6667, 66.8646, 61.6192



61.7544, 66.8646, 61.2909

Sweetspot

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



61.4868, 66.8674, 85.2684



88.9944, 94.6226, 108.1812



62.1572, 73.1551, 70.2409



18.8722, 20.0954, 23.1341



0.0000, 0.0000, 0.0000



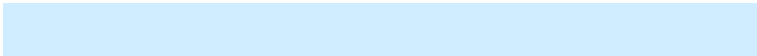
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4868, 66.8674, 85.2684



73.8457, 80.7990, 106.3114



57.0813, 58.0564, 83.7999



14.3254, 15.3722, 18.3564



13.7678, 14.5976, 44.4752



1.1062, 1.2563, 3.3162

Inverse Universe

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



64.7727, 60.5837, 73.9288



78.6820, 71.7631, 89.5740



69.9082, 75.3141, 61.8927



14.7518, 14.5179, 16.8936



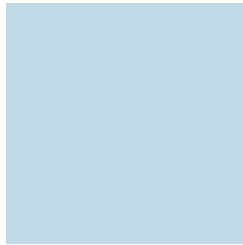
21.3428, 10.6714, 15.9662



1.6220, 0.8065, 1.4159

Previews

White Background



This preview shows how the XYZ color 61.4848, 66.8646, 85.2669 looks on a white background.

Color Contrast Check

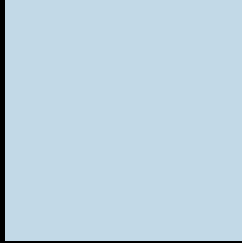
Large Text (above 18pt) WCAG AA × Fail

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 61.4848, 66.8646, 85.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

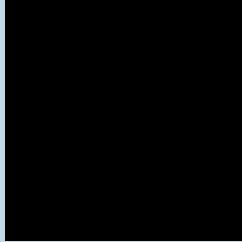
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

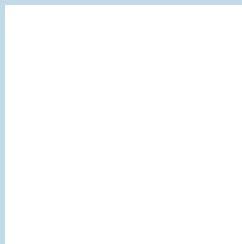
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4848, 66.8646, 85.2669

Background



This preview shows how black text looks on a background with the XYZ color 61.4848, 66.8646, 85.2669.

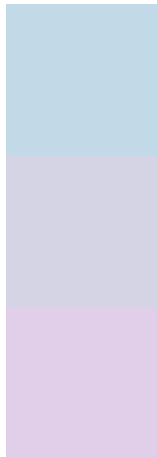


This preview shows how white text looks on a background with the XYZ color 61.4848, 66.8646,

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

61.4848, 66.8646, 85.2669

Protanopia

64.9876, 66.8345, 82.8739

Deuteranopia

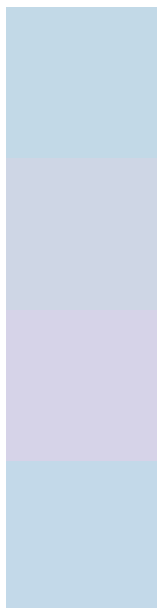
68.0721, 66.5164, 86.3420



Tritanopia

62.1698, 67.1683, 87.5300

Trichromacy



Original Color

61.4848, 66.8646, 85.2669

Protanomaly

63.6430, 66.8721, 83.6820

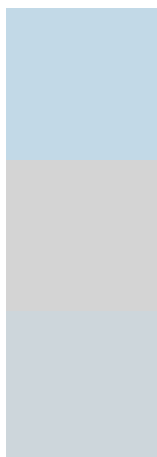
Deuteranomaly

65.5913, 66.7109, 85.7634

Tritanomaly

62.0265, 67.1110, 86.7754

Monochromacy



Original Color

61.4848, 66.8646, 85.2669

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.0096, 66.1867, 76.5249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4848, 66.8646, 85.2669 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, 217, 231)` looks like.

```
.text, #text, p{  
    color:rgb(194, 217, 231)  
}
```

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, 217, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 217, 231) }
```

Border

The CSS property to change the border of an element to XYZ 61.4848, 66.8646, 85.2669 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, 217, 231) }
```


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

```
.border{ border-color:rgb(194, 217, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 217, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 217, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 217, 231);  
box-shadow:4px 4px 4px 4px rgb(194, 217,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4848, 66.8646, 85.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 217, 231) }
```

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

```
.background{ background-color: rgb(194,  
217, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor