

Converting Colors

XYZ(60.8659, 64.3075, 84.0675)

Have a look what the booklet for
XYZ(60.8659, 64.3075, 84.0675)
contains.

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Color

**XYZ(60.8659, 64.3075,
84.0675)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D3E6
RGB	198, 211, 230
RGB Percent	78%, 83%, 90%
CMY	0.2235, 0.1725, 0.0980
CMYK	0.14, 0.08, 0.00, 0.10
HSL	216°, 39%, 84%
HSV	216°, 14%, 90%
XYZ	60.8659, 64.3075, 84.0675
YIQ	209.2790, -13.8470, 3.1530

Conversions

Conversions Part 2

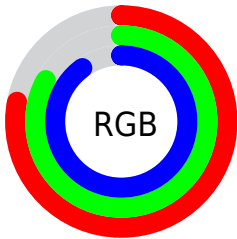
Format	Color
R _Y B	198, 207, 230
Decimal	13030374
CIE Lab	84.13, -0.60, -10.85
CIE LCh	84, 10.865, 266.811
Yxy	64.3075, 0.2909, 0.3073
Android (android.graphics.Color)	4291220454 (0xFFC6D3E6)
YUV	209.2790, 10.2155, -9.8917
Hunter-Lab	80.1920, -4.8540, -6.0210

Details

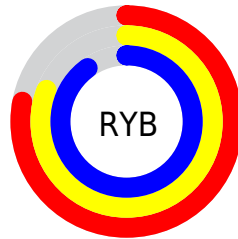
The XYZ color **60.8659, 64.3075, 84.0675** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6394, 70.5256, 63.4752**, and the grayscale version is **60.7299, 63.8926, 69.5790**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2964, 33.1384, 45.3043** is the 20% darker color. If you saturate the color by 10%, you get **52.0087, 54.9193, 82.7232**, and if you desaturate by 10%, it is **70.9357, 74.7520, 85.5538**.

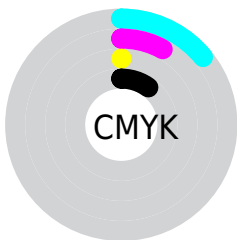
Distribution



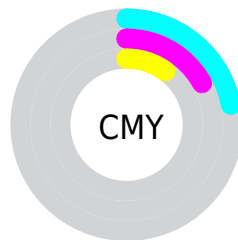
- Red (78%)
- Green (83%)
- Blue (90%)



- Red (78%)
- Yellow (81%)
- Blue (90%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8659, 64.3075, 84.0675 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 60.8659, 64.3075, 84.0675 by changing the saturation by 10% instead.

■ 60.8659, 64.3075,
84.0675

■ 60.8659, 64.3075,
84.0675

417.5659,
440.2992, 528.6013

■ 44.3691, 46.8998,
62.5255

105.1840,
111.0537, 140.9322

■ 31.1599, 32.9564,
45.0189

133.7359,
141.1609, 177.0919

■ 20.8731, 22.0931,
31.1292

167.0370,
176.2701, 218.9612

■ 13.1432, 13.9253,
20.4380

205.4524,
216.7656, 266.9587

■ 7.6049, 8.0687,
12.5266

249.3477,
263.0319, 321.5029

■ 3.8929, 4.1390,
6.9765

299.0882,

■ 1.6417, 1.7516,

315.4534, 383.0124

3.3692

355.0391,
374.4143, 451.9057

■ 0.4194, 0.4567,
1.2861

■ 0.0000, 0.0000,
0.0504

■ 60.8659, 64.3075,
84.0675

■ 60.8659, 64.3075,
84.0675

■ 52.0087, 54.9193,
82.7232

■ 70.9357, 74.7520,
85.5538

■ 44.3098, 46.5437,
81.5124

■ 82.2580, 86.2784,
87.1818

■ 37.7192, 39.1457,
80.4318

■ 90.3233, 96.5736,
88.7439

■ 32.1808, 32.6848,
79.4766

■ 91.2831, 98.4932,
89.0639

■ 27.6330, 27.1173,
78.6417

■ 24.0074, 22.3954,
77.9213

■ 21.2254, 18.4652,
77.3094

■ 19.1931, 15.2644,
76.7986

■ 18.2379, 13.6228,
76.5321

Harmonies

Analogous

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



58.6300, 64.3075, 81.6773



60.8659, 64.3075, 84.0675



63.2283, 64.3075, 82.4950

Triad

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



60.8659, 64.3075, 84.0675



65.3358, 64.3075, 64.2243



57.3398, 64.3075, 63.0292

Complementary

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



60.8659, 64.3075, 84.0675



67.6394, 70.5256, 63.4752

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.



59.0637, 64.3075, 58.8705



60.8659, 64.3075, 84.0675



63.6844, 64.3075, 59.5281

Square

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



60.8659, 64.3075, 84.0675



65.8485, 64.3075, 70.7580



61.3795, 64.3075, 57.6315



56.6280, 64.3075, 69.2870

Rectangle

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



60.8659, 64.3075, 84.0675



64.5503, 64.3075, 79.4639



61.3795, 64.3075, 57.6315



57.8179, 64.3075, 61.3555

Sweetspot

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



60.8678, 64.3102, 84.0689



89.4950, 94.3137, 108.0952



64.0677, 73.5929, 76.2478



18.9382, 19.9634, 23.1051



0.0000, 0.0000, 0.0000



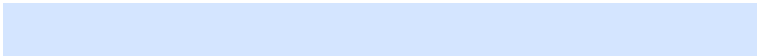
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8678, 64.3102, 84.0689



73.1932, 77.3504, 105.6802



58.4761, 58.4740, 83.0685



14.0613, 14.8439, 18.2684



10.4381, 7.9383, 43.3653



0.8607, 0.7652, 3.2343

Inverse Universe

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



64.5866, 61.9157, 70.1780



78.8760, 73.8441, 84.4189



70.2747, 77.0571, 64.5970



14.6185, 14.4646, 16.1915



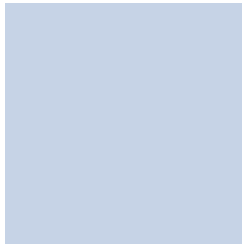
19.6622, 9.9991, 7.1160



1.4980, 0.7569, 0.7632

Previews

White Background



This preview shows how the XYZ color 60.8659, 64.3075, 84.0675 looks on a white background.

Color Contrast Check

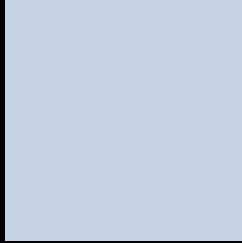
Large Text (above 18pt) WCAG AA × Fail

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 60.8659, 64.3075, 84.0675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

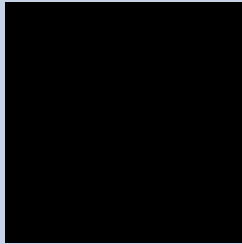
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

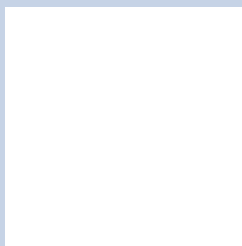
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8659, 64.3075, 84.0675

Background



This preview shows how black text looks on a background with the XYZ color 60.8659, 64.3075, 84.0675.



This preview shows how white text looks on a background with the XYZ color 60.8659, 64.3075,

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

60.8659, 64.3075, 84.0675

Protanopia

62.5719, 64.1231, 82.4779

Deuteranopia

65.5319, 64.1709, 84.5336



Tritanopia

60.5866, 64.1957, 82.5966

Trichromacy



Original Color

60.8659, 64.3075, 84.0675

Protanomaly

61.8452, 64.0954, 83.2408

Deuteranomaly

63.8880, 64.3922, 84.6630

Tritanomaly

60.7258, 64.2514, 83.3299

Monochromacy



Original Color

60.8659, 64.3075, 84.0675

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7478, 64.0821, 74.8130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8659, 64.3075, 84.0675 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(198, 211, 230)` looks like.

```
.text, #text, p{  
    color:rgb(198, 211, 230)  
}
```

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(198, 211, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 211, 230) }
```

Border

The CSS property to change the border of an element to XYZ 60.8659, 64.3075, 84.0675 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(198, 211, 230) }
```


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

```
.border{ border-color:rgb(198, 211, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 211, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(198, 211,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8659, 64.3075, 84.0675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 211, 230) }
```

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

```
.background{ background-color: rgb(198,  
211, 230) }
```

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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