

Converting Colors

XYZ(61.2162, 63.4915, 84.8341)

Have a look what the booklet for
XYZ(61.2162, 63.4915, 84.8341)
contains.

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Color

**XYZ(61.0671, 63.2988,
84.6006)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D0E7
RGB	201, 208, 231
RGB Percent	79%, 82%, 91%
CMY	0.2118, 0.1843, 0.0941
CMYK	0.13, 0.10, 0.00, 0.09
HSL	226°, 38%, 85%
HSV	226°, 13%, 91%
XYZ	61.0671, 63.2988, 84.6006
YIQ	208.5290, -11.5550, 5.6690

Conversions

Conversions Part 2

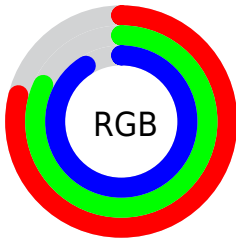
Format	Color
R _Y B	201, 207, 231
Decimal	13226215
CIE Lab	83.60, 2.14, -12.14
CIE LCh	84, 12.330, 279.987
Yxy	63.2988, 0.2922, 0.3029
Android (android.graphics.Color)	4291416295 (0xFFC9D0E7)
YUV	208.5290, 11.0782, -6.6029
Hunter-Lab	79.5605, -2.2224, -7.3536

Details

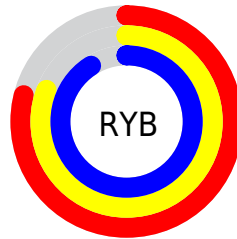
The XYZ color **61.0671, 63.2988, 84.6006** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1536, 74.5170, 65.9454**, and the grayscale version is **60.2348, 63.3717, 69.0118**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.3261, 32.4094, 45.1620** is the 20% darker color. If you saturate the color by 10%, you get **51.2394, 52.1785, 82.9732**, and if you desaturate by 10%, it is **72.3145, 75.8698, 86.4353**.

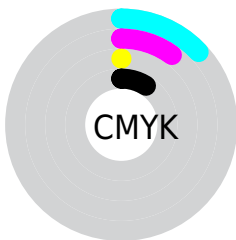
Distribution



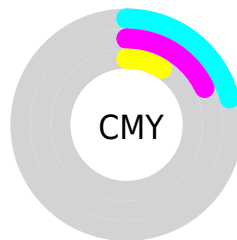
- Red (79%)
- Green (82%)
- Blue (91%)



- Red (79%)
- Yellow (81%)
- Blue (91%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (21%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0671, 63.2988, 84.6006 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 61.0671, 63.2988, 84.6006 by changing the saturation by 10% instead.

■ 61.0671, 63.2988,
84.6006

■ 61.0671, 63.2988,
84.6006

418.2920,
436.6531, 530.4156

■ 44.5321, 46.0830,
62.9632

105.4736,
109.6005, 141.6842

■ 31.2887, 32.3113,
45.3706

134.0759,
139.4551, 177.9675

■ 20.9717, 21.5994,
31.4044

167.4312,
174.2915, 219.9698

■ 13.2157, 13.5628,
20.6459

205.9050,
214.4940, 268.1097

■ 7.6552, 7.8172,
12.6767

249.8626,
260.4470, 322.8056

■ 3.9251, 3.9782,
7.0782

299.6694,

■ 1.6598, 1.6614,

312.5349, 384.4763

3.4319

355.6908,
371.1421, 453.5401

■ 0.4309, 0.3985,
1.3192

■ 0.0000, 0.0000,
0.0774

■ 61.0671, 63.2988,
84.6006

■ 61.0671, 63.2988,
84.6006

■ 51.2394, 52.1785,
82.9732

■ 72.3145, 75.8698,
86.4353

■ 42.7684, 42.4482,
81.5415

■ 85.0299, 89.9339,
88.4797

■ 35.5946, 34.0541,
80.2993

■ 91.4240, 98.5496,
89.8057

■ 29.6520, 26.9360,
79.2386

■ 24.8682, 21.0289,
78.3506

■ 21.1633, 16.2617,
77.6257

■ 18.4462, 12.5550,
77.0534

■ 16.6093, 9.8179,
76.6219

■ 15.7395, 8.4006,
76.3942

Harmonies

Analogous

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



58.4070, 63.2988, 83.8331



61.0671, 63.2988, 84.6006



63.5566, 63.2988, 80.9334

Triad

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



61.0671, 63.2988, 84.6006



64.2233, 63.2988, 59.8149



55.4232, 63.2988, 63.9648

Complementary

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



61.0671, 63.2988, 84.6006



70.1536, 74.5170, 65.9454

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.



56.8936, 63.2988, 58.1613



61.0671, 63.2988, 84.6006



61.9551, 63.2988, 55.8923

Square

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



61.0671, 63.2988, 84.6006



65.4145, 63.2988, 66.3789



59.2691, 63.2988, 55.3104



55.2015, 63.2988, 71.5285

Rectangle

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



61.0671, 63.2988, 84.6006



64.7648, 63.2988, 76.6172



59.2691, 63.2988, 55.3104



55.7857, 63.2988, 61.7594

Sweetspot

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



61.0690, 63.3014, 84.6020



88.9526, 93.2288, 107.9144



66.0513, 74.9252, 81.1478



18.8012, 19.6895, 23.0595



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.



61.0690, 63.3014, 84.6020



72.4214, 74.7091, 105.2110



61.4649, 61.0267, 84.1421



13.8545, 14.4304, 18.1995



8.9024, 4.8668, 42.8534



0.7279, 0.4997, 3.1900

Inverse Universe

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



65.2283, 63.3178, 68.4612



78.7543, 74.8213, 80.6158



69.7054, 77.1375, 66.4749



14.5141, 14.4228, 15.6419



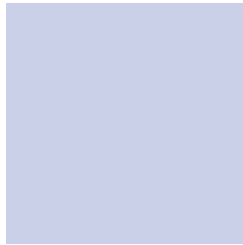
18.8870, 9.6890, 3.0340



1.4310, 0.7301, 0.4103

Previews

White Background



This preview shows how the XYZ color 61.0671, 63.2988, 84.6006 looks on a white background.

Color Contrast Check

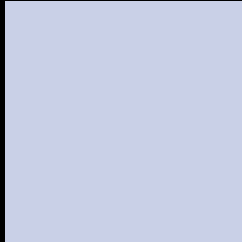
Large Text (above 18pt) WCAG AA × Fail

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 61.0671, 63.2988, 84.6006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

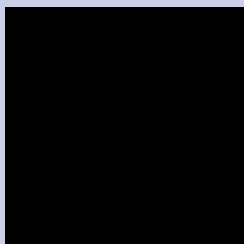
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

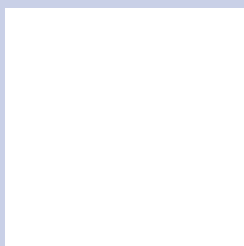
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0671, 63.2988, 84.6006

Background



This preview shows how black text looks on a background with the XYZ color 61.0671, 63.2988, 84.6006.

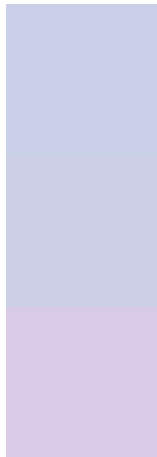


This preview shows how white text looks on a background with the XYZ color 61.0671, 63.2988,

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

61.0671, 63.2988, 84.6006

Protanopia

61.7726, 63.3180, 83.8287

Deuteranopia

64.5367, 63.2898, 85.1586



Tritanopia

60.2105, 63.3165, 80.2820

Trichromacy



Original Color

61.0671, 63.2988, 84.6006

Protanomaly

61.4976, 63.1762, 83.8159

Deuteranomaly

63.2608, 63.3377, 85.2351

Tritanomaly

60.4850, 63.4263, 81.7277

Monochromacy



Original Color

61.0671, 63.2988, 84.6006

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7784, 63.7325, 74.7439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0671, 63.2988, 84.6006 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, 208, 231)` looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 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(201, 208, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 231) }
```

Border

The CSS property to change the border of an element to XYZ 61.0671, 63.2988, 84.6006 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, 208, 231) }
```


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

```
.border{ border-color:rgb(201, 208, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 208, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 231);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0671, 63.2988, 84.6006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 231) }
```

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

```
.background{ background-color: rgb(201,  
208, 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](#).

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