

Converting Colors

XYZ(61.2075, 67.0318, 84.9027)

Have a look what the booklet for
XYZ(61.2075, 67.0318, 84.9027)
contains.

XYZ(61.0926, 67.0624, 84.5873)	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(61.0926, 67.0624,
84.5873)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DAE6
RGB	192, 218, 230
RGB Percent	75%, 85%, 90%
CMY	0.2470, 0.1451, 0.0980
CMYK	0.17, 0.05, 0.00, 0.10
HSL	199°, 43%, 83%
HSV	199°, 17%, 90%
XYZ	61.0926, 67.0624, 84.5873
YIQ	211.5940, -19.3480, -1.7800

Conversions

Conversions Part 2

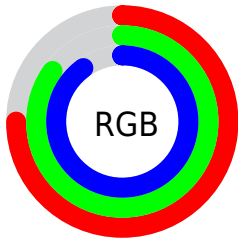
Format	Color
RYB	192, 207, 230
Decimal	12638950
CIELab	85.54, -6.15, -8.80
CIElCh	86, 10.730, 235.050
Yxy	67.0624, 0.2872, 0.3152
Android (android.graphics.Color)	4290829030 (0xFFC0DAE6)
YUV	211.5940, 9.0742, -17.1839
Hunter-Lab	81.8916, -10.1462, -3.9175

Details

The XYZ color **61.0926, 67.0624, 84.5873** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7411, 63.8147, 58.8286**, and the grayscale version is **62.2624, 65.5049, 71.3348**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **31.3163, 34.6928, 45.6033** is the 20% darker color. If you saturate the color by 10%, you get **53.8763, 60.6094, 83.7232**, and if you desaturate by 10%, it is **69.3055, 74.1551, 85.5245**.

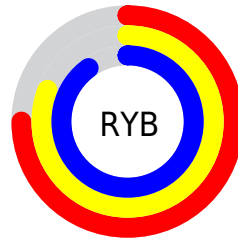
Distribution



Red (75%)

Green (85%)

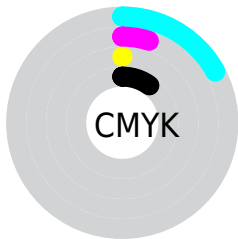
Blue (90%)



Red (75%)

Yellow (81%)

Blue (90%)

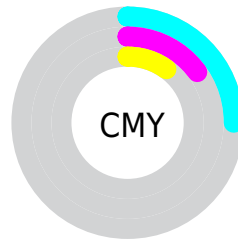


Cyan (17%)

Magenta (5%)

Yellow (0%)

Black (10%)



Cyan (25%)

Magenta (15%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0926, 67.0624, 84.5873 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 61.0926, 67.0624, 84.5873 by changing the saturation by 10% instead.

■ 61.0926, 67.0624,
84.5873

■ 61.0926, 67.0624,
84.5873

418.3839,
450.1669, 530.3704

■ 44.5527, 49.1353,
62.9522

■ 105.5104,
115.0098, 141.6655

■ 31.3050, 34.7269,
45.3618

134.1190,
145.7990, 177.9457

■ 20.9842, 23.4525,
31.3975

167.4812,
181.6443, 219.9446

■ 13.2249, 14.9280,
20.6407

205.9623,
222.9301, 268.0810

■ 7.6616, 8.7689,
12.6730

249.9279,
270.0409, 322.7732

■ 3.9292, 4.5907,
7.0757

299.7431,

■ 1.6621, 2.0092,

323.3610, 384.4398

3.4303

355.7733,
383.2749, 453.4993

■ 0.4324, 0.6128,
1.3183

■ 0.0000, 0.0000,
0.0767

■ 61.0926, 67.0624,
84.5873

■ 61.0926, 67.0624,
84.5873

■ 53.8763, 60.6094,
83.7232

■ 69.3055, 74.1551,
85.5245

■ 47.6074, 54.7640,
82.9253

■ 78.5494, 81.9016,
86.5326

■ 42.2413, 49.5034,
82.1927

■ 86.6212, 89.1694,
87.5100

■ 37.7274, 44.7998,
81.5227

■ 88.7995, 93.5259,
88.2360

■ 34.0097, 40.6228,
80.9124

■ 91.0642, 98.0554,
88.9909

■ 31.0247, 36.9379,
80.3585

■ 91.2831, 98.4933,
89.0639

■ 28.6987, 33.7055,
79.8572

■ 26.9388, 30.8758,
79.4038

■ 26.4054, 29.9578,
79.2547

Harmonies

Analogous

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



59.5871, 67.0624, 78.8536



61.0926, 67.0624, 84.5873



63.3371, 67.0624, 87.2300

Triad

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



61.0926, 67.0624, 84.5873



68.5267, 67.0624, 74.1842



61.7762, 67.0624, 61.5185

Complementary

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



61.0926, 67.0624, 84.5873



63.7411, 63.8147, 58.8286

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.



64.1462, 67.0624, 60.4428



61.0926, 67.0624, 84.5873



68.0832, 67.0624, 67.4806

Square

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



61.0926, 67.0624, 84.5873



67.6614, 67.0624, 80.9846



66.4644, 67.0624, 62.5577



59.9747, 67.0624, 65.5947

Rectangle

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



61.0926, 67.0624, 84.5873



64.9660, 67.0624, 86.7687



66.4644, 67.0624, 62.5577



62.5311, 67.0624, 60.8054

Sweetspot

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



61.0946, 67.0652, 84.5888



89.2431, 95.1200, 108.2641



60.8636, 72.1322, 67.4666



18.9327, 20.2164, 23.1542



0.0000, 0.0000, 0.0000



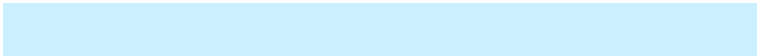
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0946, 67.0652, 84.5888



73.7886, 81.7308, 106.4943



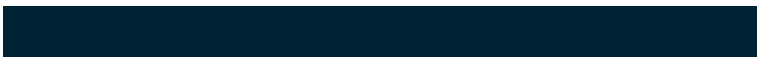
56.5843, 58.0447, 83.0854



14.4036, 15.5285, 18.3825



15.0634, 17.1889, 44.9070



1.1956, 1.4351, 3.3460

Inverse Universe

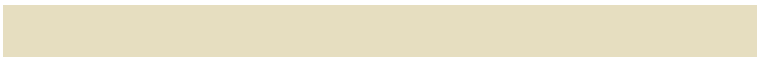
The Inverse Universe completely reimagines the original color for something new.



64.1393, 59.5858, 74.4534



78.3978, 70.6717, 91.0916



68.3764, 73.0853, 60.3738



14.7913, 14.5337, 17.1013



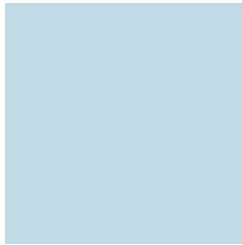
21.9968, 10.9329, 19.4100



1.6671, 0.8246, 1.6535

Previews

White Background



This preview shows how the XYZ color 61.0926, 67.0624, 84.5873 looks on a white background.

Color Contrast Check

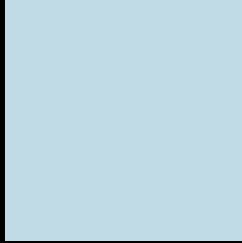
Large Text (above 18pt) WCAG AA × Fail

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 61.0926, 67.0624, 84.5873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

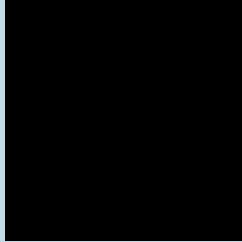
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

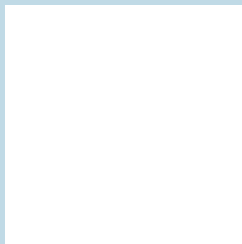
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0926, 67.0624, 84.5873

Background



This preview shows how black text looks on a background with the XYZ color 61.0926, 67.0624, 84.5873.

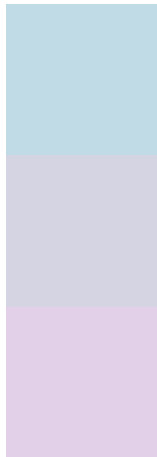


This preview shows how white text looks on a background with the XYZ color 61.0926, 67.0624,

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

61.0926, 67.0624, 84.5873

Protanopia

64.7115, 66.7241, 81.4199

Deuteranopia

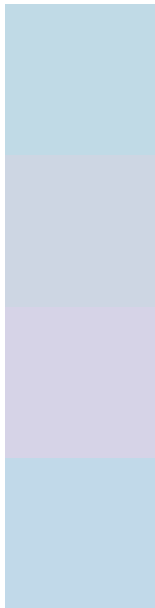
68.2423, 66.6206, 85.6062



Tritanopia

61.8006, 66.9613, 88.2649

Trichromacy



Original Color

61.0926, 67.0624, 84.5873

Protanomaly

63.0885, 66.6183, 82.2065

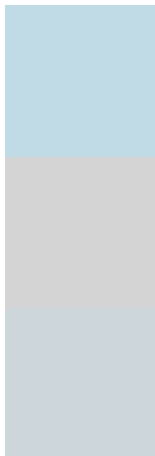
Deuteranomaly

65.4496, 66.6542, 85.0173

Tritanomaly

61.5132, 66.8464, 86.7513

Monochromacy



Original Color

61.0926, 67.0624, 84.5873

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 61.0926, 67.0624, 84.5873 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(192, 218, 230)` looks like.

```
.text, #text, p{  
    color:rgb(192, 218, 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(192, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 218, 230) }
```

Border

The CSS property to change the border of an element to XYZ 61.0926, 67.0624, 84.5873 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(192, 218, 230) }
```


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

```
.border{ border-color:rgb(192, 218, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 218, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(192, 218,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0926, 67.0624, 84.5873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 218, 230) }
```

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

```
.background{ background-color: rgb(192,  
218, 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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