

Converting Colors

XYZ(60.9144, 64.7984, 88.4026)

Have a look what the booklet for
XYZ(60.9144, 64.7984, 88.4026)
contains.

XYZ(61.1827, 65.1140, 88.7005)	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(61.1827, 65.1140,
88.7005)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D5EC
RGB	194, 213, 236
RGB Percent	76%, 84%, 93%
CMY	0.2392, 0.1647, 0.0745
CMYK	0.18, 0.10, 0.00, 0.07
HSL	213°, 53%, 84%
HSV	213°, 18%, 93%
XYZ	61.1827, 65.1140, 88.7005
YIQ	209.9410, -18.7070, 3.1250

Conversions

Conversions Part 2

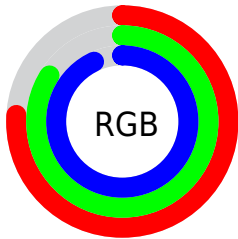
Format	Color
RYB	194, 207, 236
Decimal	12768748
CIELab	84.54, -1.65, -13.44
CIELCh	85, 13.542, 262.981
Yxy	65.1140, 0.2846, 0.3029
Android (android.graphics.Color)	4290958828 (0xFFC2D5EC)
YUV	209.9410, 12.8471, -13.9803
Hunter-Lab	80.6932, -5.8721, -8.6881

Details

The XYZ color **61.1827, 65.1140, 88.7005** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1430, 71.3535, 61.1686**, and the grayscale version is **61.1486, 64.3331, 70.0588**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **31.2803, 33.3245, 47.9636** is the 20% darker color. If you saturate the color by 10%, you get **52.4785, 55.9938, 87.3999**, and if you desaturate by 10%, it is **71.1117, 75.2534, 90.1353**.

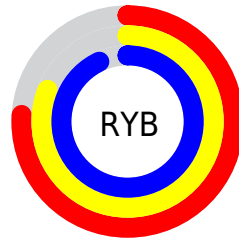
Distribution



Red (76%)

Green (84%)

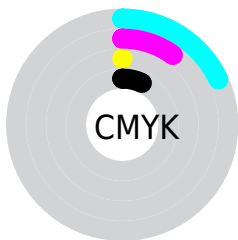
Blue (93%)



Red (76%)

Yellow (81%)

Blue (93%)

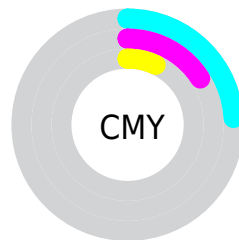


Cyan (18%)

Magenta (10%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1827, 65.1140, 88.7005 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 61.1827, 65.1140, 88.7005 by changing the saturation by 10% instead.

■ 61.1827, 65.1140,
88.7005

■ 61.1827, 65.1140,
88.7005

418.7088,
443.2015, 544.2551

■ 44.6257, 47.5535,
66.3357

■ 105.6400,
112.2137, 147.4517

■ 31.3628, 33.4735,
48.0868

134.2711,
142.5218, 184.6752

■ 21.0284, 22.4894,
33.5351

167.6576,
177.8478, 227.6887

■ 13.2573, 14.2169,
22.2622

206.1649,
218.5762, 276.9108

■ 7.6842, 8.2717,
13.8496

250.1583,
265.0914, 332.7599

■ 3.9437, 4.2693,
7.8786

300.0032,

■ 1.6703, 1.8253,

317.7778, 395.6547

3.9307

356.0649,
377.0197, 466.0135

■ 0.4376, 0.5029,
1.5874

■ 0.0000, 0.0000,
0.2818

■ 61.1827, 65.1140,
88.7005

■ 61.1827, 65.1140,
88.7005

■ 52.4785, 55.9938,
87.3999

■ 71.1117, 75.2534,
90.1353

■ 44.9419, 47.8495,
86.2252

■ 82.3077, 86.4375,
91.7040

■ 38.5198, 40.6461,
85.1732

■ 91.1193, 96.7937,
93.2385

■ 33.1521, 34.3430,
84.2395

■ 92.1405, 98.8362,
93.5789

■ 28.7728, 28.8961,
83.4190

■ 25.3072, 24.2565,
82.7061

■ 22.6687, 20.3686,
82.0947

■ 20.7413, 17.1611,
81.5772

■ 20.3751, 16.5254,
81.4738

Harmonies

Analogous

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



58.4612, 65.1140, 85.0091



61.1827, 65.1140, 88.7005



64.1818, 65.1140, 87.3211

Triad

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



61.1827, 65.1140, 88.7005



67.3852, 65.1140, 64.6068



57.3713, 65.1140, 61.3575

Complementary

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



61.1827, 65.1140, 88.7005



69.1430, 71.3535, 61.1686

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.



59.6513, 65.1140, 56.6752



61.1827, 65.1140, 88.7005



65.4480, 65.1140, 58.4420

Square

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



61.1827, 65.1140, 88.7005



67.8274, 65.1140, 72.9478



62.6005, 65.1140, 55.6528



56.3075, 65.1140, 68.8871

Rectangle

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



61.1827, 65.1140, 88.7005



65.9291, 65.1140, 83.7613



62.6005, 65.1140, 55.6528



58.0173, 65.1140, 59.4242

Sweetspot

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



61.1847, 65.1167, 88.7020



88.3270, 93.2878, 107.9588



64.6913, 76.4400, 76.5832



18.7100, 19.7710, 23.0800



0.0000, 0.0000, 0.0000



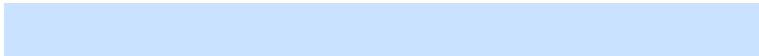
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1847, 65.1167, 88.7020



69.3676, 73.9180, 105.2193



57.0426, 56.2965, 87.2178



14.7925, 15.6714, 19.1675



11.3565, 9.3601, 44.9511



0.9867, 0.9249, 3.5614

Inverse Universe

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



65.8957, 61.2220, 71.2978



75.9151, 68.7168, 80.9829



73.8632, 81.4813, 62.8747



15.3488, 15.1674, 17.1221



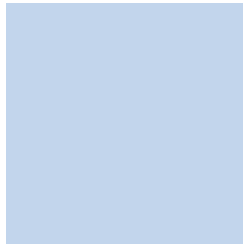
20.5876, 10.4377, 8.8954



1.6645, 0.8388, 0.9508

Previews

White Background



This preview shows how the XYZ color 61.1827, 65.1140, 88.7005 looks on a white background.

Color Contrast Check

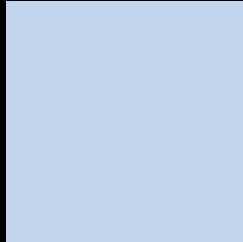
Large Text (above 18pt) WCAG AA × Fail

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 61.1827, 65.1140, 88.7005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

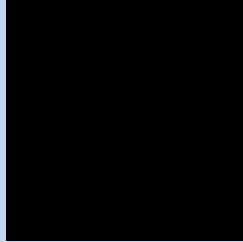
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

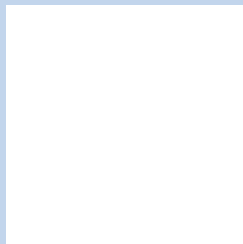
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1827, 65.1140, 88.7005

Background



This preview shows how black text looks on a background with the XYZ color 61.1827, 65.1140, 88.7005.



This preview shows how white text looks on a background with the XYZ color 61.1827, 65.1140,

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

61.1827, 65.1140, 88.7005

Protanopia

63.6642, 64.9513, 87.0233

Deuteranopia

66.4774, 64.8958, 89.9113



Tritanopia

60.4627, 65.2001, 84.9995

Trichromacy



Original Color

61.1827, 65.1140, 88.7005

Protanomaly

62.6706, 64.7879, 87.7995

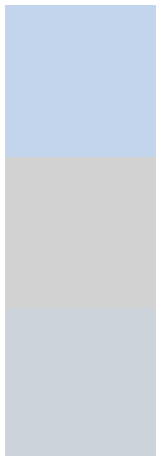
Deuteranomaly

64.4203, 64.9278, 89.2578

Tritanomaly

60.7469, 65.3138, 86.4959

Monochromacy



Original Color

61.1827, 65.1140, 88.7005

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9823, 64.5404, 76.2613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1827, 65.1140, 88.7005 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, 213, 236)` looks like.

```
.text, #text, p{  
    color:rgb(194, 213, 236)  
}
```

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, 213, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 213, 236) }
```

Border

The CSS property to change the border of an element to XYZ 61.1827, 65.1140, 88.7005 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, 213, 236) }
```


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

```
.border{ border-color:rgb(194, 213, 236) }
```

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

Here you see how a box with a 4 pixel rgb(194, 213, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 213, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 213, 236);  
box-shadow:4px 4px 4px 4px rgb(194, 213,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1827, 65.1140, 88.7005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 213, 236) }
```

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

```
.background{ background-color: rgb(194,  
213, 236) }
```

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