

Converting Colors

XYZ(61.0371, 72.1521, 70.1603)

Have a look what the booklet for
XYZ(61.0371, 72.1521, 70.1603)
contains.

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Color

**XYZ(61.1678, 72.2241,
70.3913)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE6D0
RGB	191, 230, 208
RGB Percent	75%, 90%, 82%
CMY	0.2510, 0.0980, 0.1843
CMYK	0.17, 0.00, 0.10, 0.10
HSL	146°, 44%, 83%
HSV	146°, 17%, 90%
XYZ	61.1678, 72.2241, 70.3913
YIQ	215.8310, -16.1820, -15.1100

Conversions

Conversions Part 2

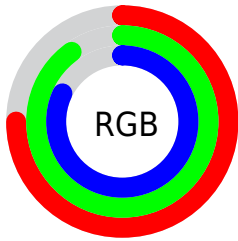
Format	Color
RYB	191, 218, 230
Decimal	12576464
CIELab	88.08, -16.92, 6.51
CIELCh	88, 18.130, 158.967
Yxy	72.2241, 0.3002, 0.3544
Android (android.graphics.Color)	4290766544 (0xFFBFE6D0)
YUV	215.8310, -3.8607, -21.7768
Hunter-Lab	84.9848, -20.2479, 10.3805

Details

The XYZ color **61.1678, 72.2241, 70.3913** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.2767, 58.8904, 70.9858**, and the grayscale version is **65.1902, 68.5852, 74.6892**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **31.2853, 37.9236, 36.2429** is the 20% darker color. If you saturate the color by 10%, you get **54.3002, 68.8627, 62.0753**, and if you desaturate by 10%, it is **69.0784, 76.1121, 79.4409**.

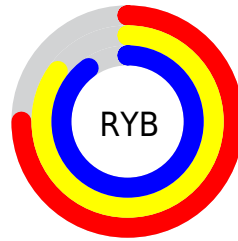
Distribution



Red (75%)

Green (90%)

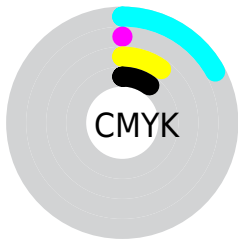
Blue (82%)



Red (75%)

Yellow (85%)

Blue (90%)

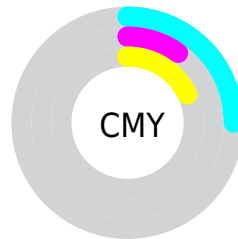


Cyan (17%)

Magenta (0%)

Yellow (10%)

Black (10%)



Cyan (25%)


Magenta (10%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1678, 72.2241, 70.3913 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 61.1678, 72.2241, 70.3913 by changing the saturation by 10% instead.


 61.1678, 72.2241,
70.3913

 61.1678, 72.2241,
70.3913


418.6551,
468.3212, 480.7489

 44.6137, 53.3418,
51.3668


 105.6186,
122.3751, 121.4530

 31.3532, 38.0757,
36.1219


134.2460,
154.4125, 154.3272

 21.0211, 26.0414,
24.2379


167.6284,
191.6038, 192.6552

 13.2520, 16.8546,
15.2964

206.1314,
234.3333, 236.8553

 7.6805, 10.1309,
8.8787

250.1202,
282.9854, 287.3462

 3.9413, 5.4858,
4.5664

299.9602,

 1.6690, 2.5350,

337.9444, 344.5464

1.9409

356.0167,
399.5949, 408.8745

■ 0.4367, 0.8941,
0.5186

■ 0.0000, 0.0000,
0.0000

■ 61.1678, 72.2241,
70.3913

■ 61.1678, 72.2241,
70.3913

■ 54.3002, 68.8627,
62.0753

■ 69.0784, 76.1121,
79.4409

■ 48.4241, 65.9957,
54.4699

■ 78.0685, 80.5392,
89.2371

■ 43.4928, 63.6014,
47.5574

■ 86.3156, 84.5674,
99.7111

■ 39.4530, 61.6528,
41.3179

■ 87.5882, 85.0764,
106.4127

■ 36.2460, 60.1199,
35.7302

■ 33.8057, 58.9690,
30.7723

■ 32.0547, 58.1609,
26.4202

■ 30.8946, 57.6451,
22.6481

■ 30.6107, 57.5214,
21.6100

Harmonies

Analogous

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



63.5447, 72.2241, 61.5247



61.1678, 72.2241, 70.3913



60.7495, 72.2241, 82.4138

Triad

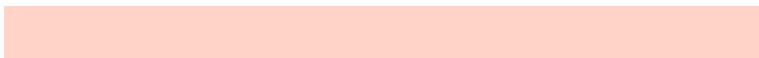
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.1678, 72.2241, 70.3913



69.9523, 72.2241, 104.6126



75.3234, 72.2241, 64.5821

Complementary

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



61.1678, 72.2241, 70.3913



63.2767, 58.8904, 70.9858

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.



77.2006, 72.2241, 74.9827



61.1678, 72.2241, 70.3913



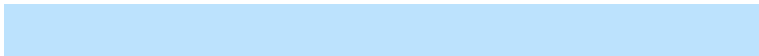
74.0150, 72.2241, 98.6666

Square

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



61.1678, 72.2241, 70.3913



65.7028, 72.2241, 103.0519



76.7120, 72.2241, 87.5087



71.6775, 72.2241, 58.4238

Rectangle

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



61.1678, 72.2241, 70.3913



61.6196, 72.2241, 90.7579



76.7120, 72.2241, 87.5087



76.1890, 72.2241, 67.6514

Sweetspot

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



61.1698, 72.2271, 70.3929



89.3772, 97.2069, 102.7024



65.1729, 74.5197, 60.2398



18.9658, 20.7253, 21.8002



0.0000, 0.0000, 0.0000



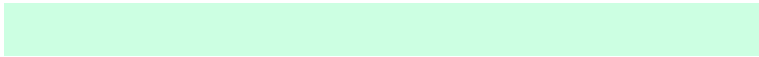
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1698, 72.2271, 70.3929



74.4208, 89.8610, 85.5390



63.7055, 73.2414, 83.7457



14.4489, 16.1930, 16.6287



17.3881, 32.5874, 12.5442



1.3309, 2.4265, 1.1689

Inverse Universe

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



63.2767, 58.8904, 70.9858



77.5081, 70.3158, 86.4064



60.9588, 57.9632, 58.7798



14.7158, 14.5035, 16.7040



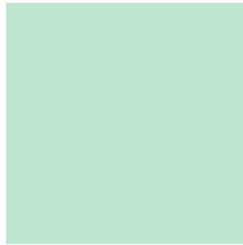
20.8092, 10.4579, 13.1562



1.5842, 0.7914, 1.2168

Previews

White Background



This preview shows how the XYZ color 61.1678, 72.2241, 70.3913 looks on a white background.

Color Contrast Check

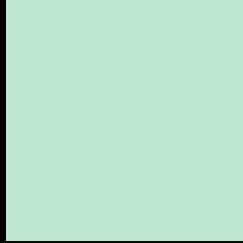
Large Text (above 18pt) WCAG AA × Fail

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 61.1678, 72.2241, 70.3913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

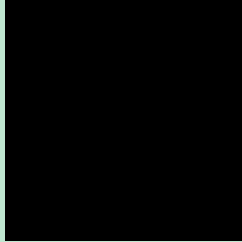
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

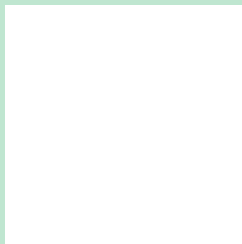
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1678, 72.2241, 70.3913

Background



This preview shows how black text looks on a background with the XYZ color 61.1678, 72.2241, 70.3913.

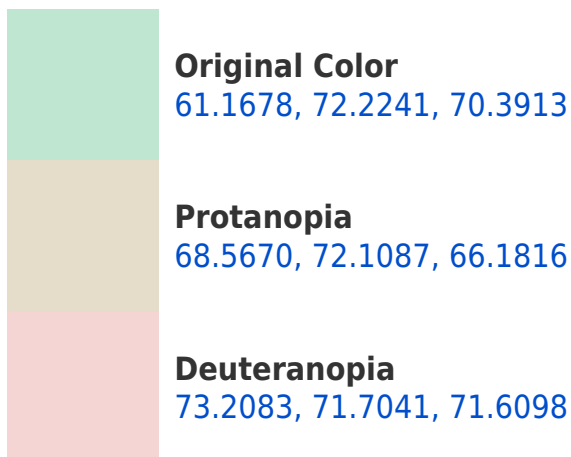


This preview shows how white text looks on a background with the XYZ color 61.1678, 72.2241,

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

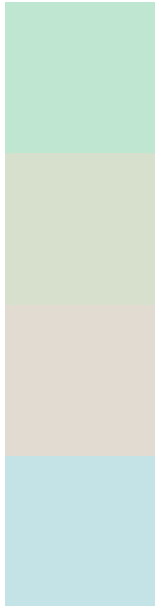




Tritanopia

66.1288, 72.1918, 95.2431

Trichromacy



Original Color

61.1678, 72.2241, 70.3913

Protanomaly

65.5791, 72.1180, 67.5905

Deuteranomaly

68.0157, 71.3237, 71.1548

Tritanomaly

64.2577, 72.2534, 85.4225

Monochromacy



Original Color

61.1678, 72.2241, 70.3913

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.5988, 69.7824, 73.0681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1678, 72.2241, 70.3913 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(191, 230, 208)` looks like.

```
.text, #text, p{  
    color:rgb(191, 230, 208)  
}
```

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(191, 230, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 230, 208) }
```

Border

The CSS property to change the border of an element to XYZ 61.1678, 72.2241, 70.3913 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(191, 230, 208) }
```


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

```
.border{ border-color:rgb(191, 230, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 230, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 230, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 230, 208);  
box-shadow:4px 4px 4px 4px rgb(191, 230,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1678, 72.2241, 70.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 230, 208) }
```

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

```
.background{ background-color: rgb(191,  
230, 208) }
```

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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