

Converting Colors

XYZ(61.9036, 74.0536, 68.6512)

Have a look what the booklet for
XYZ(61.9036, 74.0536, 68.6512)
contains.

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Color

**XYZ(61.8966, 73.8921,
68.7579)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E9CD
RGB	192, 233, 205
RGB Percent	75%, 91%, 80%
CMY	0.2471, 0.0863, 0.1961
CMYK	0.18, 0.00, 0.12, 0.09
HSL	139°, 48%, 83%
HSV	139°, 18%, 91%
XYZ	61.8966, 73.8921, 68.7579
YIQ	217.5490, -15.4480, -17.4000

Conversions

Conversions Part 2

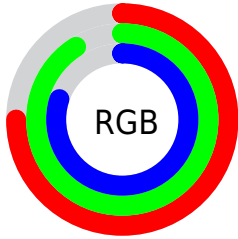
Format	Color
RYB	192, 223, 233
Decimal	12642765
CIELab	88.87, -18.64, 9.23
CIELCh	89, 20.800, 153.669
Yxy	73.8921, 0.3026, 0.3612
Android (android.graphics.Color)	4290832845 (0xFFC0E9CD)
YUV	217.5490, -6.1867, -22.4065
Hunter-Lab	85.9605, -21.9005, 12.7476

Details

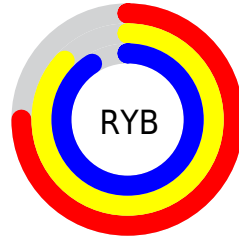
The XYZ color **61.8966, 73.8921, 68.7579** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.3748, 60.1920, 75.8861**, and the grayscale version is **66.3806, 69.8376, 76.0531**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **31.7893, 39.0819, 35.1462** is the 20% darker color. If you saturate the color by 10%, you get **54.6334, 70.3606, 58.8961**, and if you desaturate by 10%, it is **70.2933, 77.9894, 79.6958**.

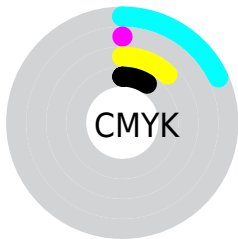
Distribution



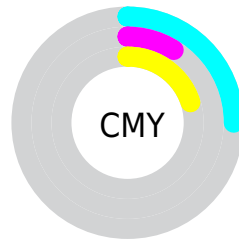
- Red (75%)
- Green (91%)
- Blue (80%)



- Red (75%)
- Yellow (87%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)





- Cyan (25%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8966, 73.8921, 68.7579 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 61.8966, 73.8921, 68.7579 by changing the saturation by 10% instead.


 61.8966, 73.8921,
68.7579

 61.8966, 73.8921,
68.7579


421.2774,
474.1009, 474.8474

 45.2044, 54.7057,
50.0440


 106.6669,
124.7428, 119.1002

 31.8204, 39.1662,
35.0770


135.4757,
157.1760, 151.5656

 21.3793, 26.8890,
23.4381


169.0541,
194.7935, 189.4521

 13.5156, 17.4899,
14.7090

207.7674,
237.9799, 233.1780

 7.8639, 10.5844,
8.4711

251.9811,
287.1194, 283.1620

 4.0591, 5.7881,
4.3058


302.0604,

 1.7356, 2.7167,


342.5965, 339.8225


1.7945


358.3707,
404.7955, 403.5781


 0.4784, 0.9857,
0.4244


 0.0000, 0.0000,
0.0000


 61.8966, 73.8921,
68.7579


 61.8966, 73.8921,
68.7579


 54.6334, 70.3606,
58.8961


 70.2933, 77.9894,
79.6958

 48.4480, 67.3608,
50.0728

 79.8638, 82.6667,
91.7360

 43.2888, 64.8689,
42.2554

 88.0687, 86.6160,
104.7891

 39.0978, 62.8556,
35.4076

 88.4303, 86.7607,
106.6934

■ 35.8108, 61.2886,
29.4910

■ 33.3553, 60.1315,
24.4647

■ 31.6471, 59.3416,
20.2844

■ 30.5747, 58.8625,
16.9011

■ 30.3721, 58.7734,
16.2000

Harmonies

Analogous

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



64.9934, 73.8921, 59.4895



61.8966, 73.8921, 68.7579



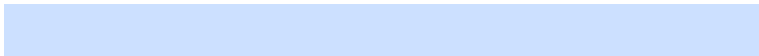
60.9946, 73.8921, 82.2457

Triad

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



61.8966, 73.8921, 68.7579



70.8544, 73.8921, 111.4673



78.6139, 73.8921, 66.0238

Complementary

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



61.8966, 73.8921, 68.7579



65.3748, 60.1920, 75.8861

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.



80.3584, 73.8921, 78.6924



61.8966, 73.8921, 68.7579



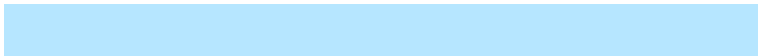
75.7453, 73.8921, 105.8470

Square

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



61.8966, 73.8921, 68.7579



66.0191, 73.8921, 107.9944



79.2845, 73.8921, 93.4108



74.6209, 73.8921, 58.0486

Rectangle

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



61.8966, 73.8921, 68.7579



61.7217, 73.8921, 92.1250



79.2845, 73.8921, 93.4108



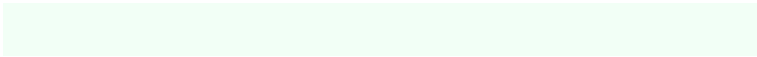
79.4911, 73.8921, 69.8164

Sweetspot

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



61.8986, 73.8952, 68.7595



89.1433, 97.1133, 101.4707



68.1764, 77.3054, 61.1983



18.9090, 20.7026, 21.5013



0.0000, 0.0000, 0.0000



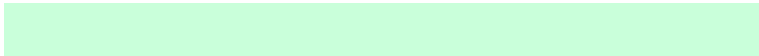
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8986, 73.8952, 68.7595



72.6796, 89.0844, 79.9881



64.5362, 74.9503, 82.6489



15.0651, 16.9409, 17.0256



17.2826, 33.3675, 9.4534



1.3993, 2.6370, 0.9647

Inverse Universe

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



65.3748, 60.1920, 75.8861



77.6675, 69.4177, 90.2112



62.8251, 59.1721, 62.4594



15.4998, 15.2278, 17.9172



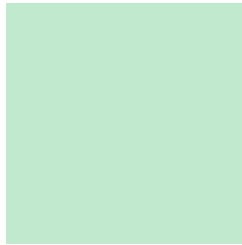
22.6836, 11.2761, 19.9332



1.8245, 0.9028, 1.7933

Previews

White Background



This preview shows how the XYZ color 61.8966, 73.8921, 68.7579 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 61.8966, 73.8921, 68.7579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

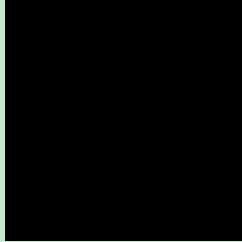
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

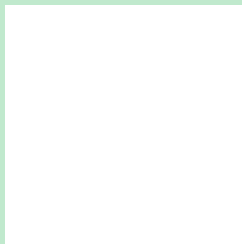
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8966, 73.8921, 68.7579

Background



This preview shows how black text looks on a background with the XYZ color 61.8966, 73.8921, 68.7579.

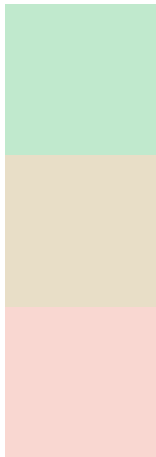


This preview shows how white text looks on a background with the XYZ color 61.8966, 73.8921,

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

61.8966, 73.8921, 68.7579

Protanopia

69.7088, 73.5219, 64.5499

Deuteranopia

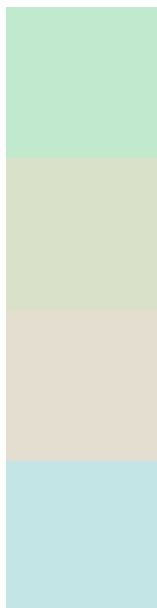
74.8760, 73.3441, 70.5320



Tritanopia

67.5037, 73.6729, 97.0487

Trichromacy



Original Color

61.8966, 73.8921, 68.7579

Protanomaly

66.3542, 73.3615, 65.9213

Deuteranomaly

69.5014, 73.2906, 70.1579

Tritanomaly

65.0672, 73.4876, 85.6180

Monochromacy



Original Color

61.8966, 73.8921, 68.7579

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.6924, 71.1348, 73.2715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8966, 73.8921, 68.7579 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, 233, 205)` looks like.

```
.text, #text, p{  
    color:rgb(192, 233, 205)  
}
```

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, 233, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 233, 205) }
```

Border

The CSS property to change the border of an element to XYZ 61.8966, 73.8921, 68.7579 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, 233, 205) }
```


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

```
.border{ border-color:rgb(192, 233, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 233, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 233, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 233, 205);  
box-shadow:4px 4px 4px 4px rgb(192, 233,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8966, 73.8921, 68.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 233, 205) }
```

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

```
.background{ background-color: rgb(192,  
233, 205) }
```

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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