

Converting Colors

XYZ(61.3690, 73.2965, 72.0227)

Have a look what the booklet for
XYZ(61.3690, 73.2965, 72.0227)
contains.

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Color

**XYZ(61.2285, 73.0577,
71.8472)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE8D2
RGB	188, 232, 210
RGB Percent	74%, 91%, 82%
CMY	0.2627, 0.0902, 0.1765
CMYK	0.19, 0.00, 0.09, 0.09
HSL	150°, 49%, 82%
HSV	150°, 19%, 91%
XYZ	61.2285, 73.0577, 71.8472
YIQ	216.3360, -19.1620, -16.1700

Conversions

Conversions Part 2

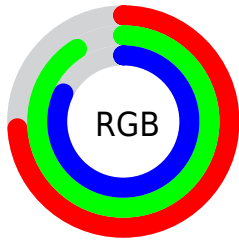
Format	Color
RYB	188, 217, 232
Decimal	12380370
CIELab	88.48, -18.50, 6.01
CIELCh	88, 19.451, 162.000
Yxy	73.0577, 0.2970, 0.3544
Android (android.graphics.Color)	4290570450 (0xFFBCE8D2)
YUV	216.3360, -3.1236, -24.8507
Hunter-Lab	85.4738, -21.7120, 9.9939

Details

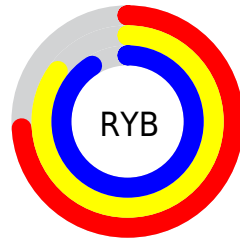
The XYZ color **61.2285, 73.0577, 71.8472** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.8974, 57.7772, 68.8131**, and the grayscale version is **65.5310, 68.9437, 75.0797**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **31.3576, 38.5193, 37.2347** is the 20% darker color. If you saturate the color by 10%, you get **54.5731, 69.7897, 64.2631**, and if you desaturate by 10%, it is **68.9116, 76.8474, 80.0295**.

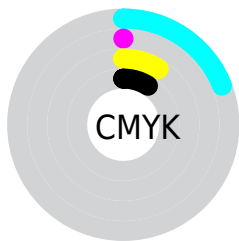
Distribution



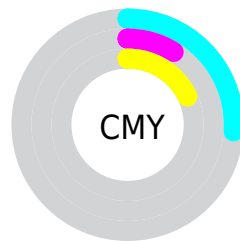
- Red (74%)
- Green (91%)
- Blue (82%)



- Red (74%)
- Yellow (85%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2285, 73.0577, 71.8472 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 61.2285, 73.0577, 71.8472 by changing the saturation by 10% instead.

61.2285, 73.0577,
71.8472

61.2285, 73.0577,
71.8472

418.8739,
471.2148, 485.9728

44.6628, 54.0231,
52.5478

105.7060,
123.5591, 123.5450

31.3921, 38.6202,
37.0566

134.3485,
155.7948, 156.7804

21.0509, 26.4644,
24.9552

167.7473,
193.1996, 195.4983

13.2739, 17.1714,
15.8250

206.2678,
236.1579, 240.1171

7.6957, 10.3567,
9.2474

250.2754,
285.0542, 291.0554

3.9510, 5.6361,
4.8039


300.1353,


1.6745, 2.6251,


340.2729, 348.7318


2.0759


356.2130,
402.1983, 413.5647


 0.4402, 0.9393,
0.6014


 0.0000, 0.0000,
0.0000


 61.2285, 73.0577,
71.8472


 61.2285, 73.0577,
71.8472

 54.5731, 69.7897,
64.2631


 68.9116, 76.8474,
80.0295


 48.8931, 67.0107,
57.2587

 77.6592, 81.1715,
88.8182

 44.1410, 64.6985,
50.8213

 86.5496, 85.5566,
98.1826

 40.2626, 62.8254,
44.9360

 88.1480, 86.1959,
106.5993

■ 37.1976, 61.3605,
39.5874

■ 34.8777, 60.2690,
34.7588

■ 33.2225, 59.5098,
30.4327

■ 32.1102, 59.0203,
26.5888

■ 32.0100, 58.9767,
26.2177

Harmonies

Analogous

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



63.5908, 73.0577, 61.8931



61.2285, 73.0577, 71.8472



61.0046, 73.0577, 85.0263

Triad

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



61.2285, 73.0577, 71.8472



71.3268, 73.0577, 107.5091



76.3427, 73.0577, 63.5205

Complementary

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



61.2285, 73.0577, 71.8472



62.8974, 57.7772, 68.8131

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.



78.6173, 73.0577, 74.3091



61.2285, 73.0577, 71.8472



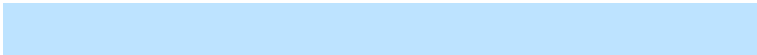
75.6355, 73.0577, 100.2752

Square

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



61.2285, 73.0577, 71.8472



66.6957, 73.0577, 106.6581



78.3529, 73.0577, 87.7790



72.2569, 73.0577, 57.4705

Rectangle

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



61.2285, 73.0577, 71.8472



62.0847, 73.0577, 93.9992



78.3529, 73.0577, 87.7790



77.3526, 73.0577, 66.6584

Sweetspot

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



61.2305, 73.0608, 71.8488



88.4359, 96.7298, 102.2883



64.7239, 75.1569, 58.6734



18.7811, 20.6311, 21.7434



0.0000, 0.0000, 0.0000



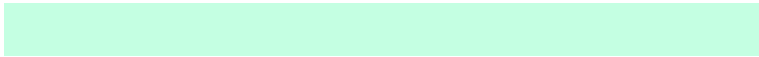
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2305, 73.0608, 71.8488



72.2987, 88.7758, 85.0412



64.0596, 74.1924, 86.7467



14.4883, 16.2088, 16.8364



17.8335, 32.7655, 14.8893



1.3647, 2.4400, 1.3472

Inverse Universe

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



62.8974, 57.7772, 68.8131



74.7422, 66.3712, 80.5911



60.4205, 56.7865, 55.7700



14.6761, 14.4876, 16.4945



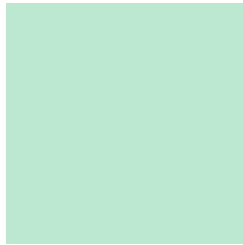
20.2890, 10.2498, 10.4169



1.5462, 0.7762, 1.0167

Previews

White Background



This preview shows how the XYZ color 61.2285, 73.0577, 71.8472 looks on a white background.

Color Contrast Check

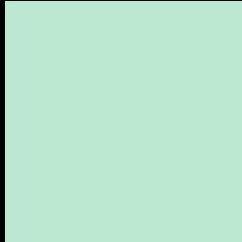
Large Text (above 18pt) WCAG AA × Fail

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 61.2285, 73.0577, 71.8472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

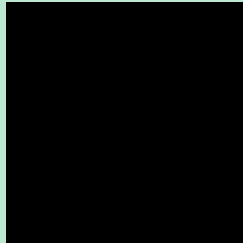
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

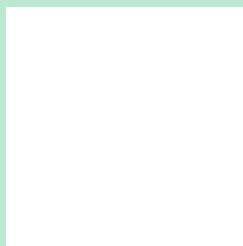
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2285, 73.0577, 71.8472

Background



This preview shows how black text looks on a background with the XYZ color 61.2285, 73.0577, 71.8472.

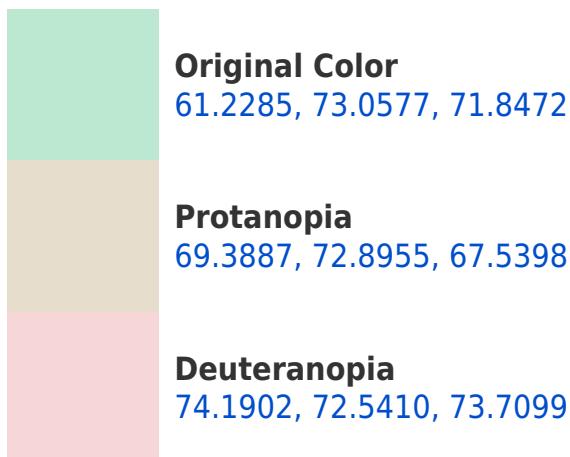


This preview shows how white text looks on a background with the XYZ color 61.2285, 73.0577,

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

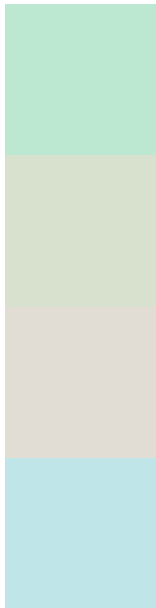




Tritanopia

66.1986, 73.0001, 96.9876

Trichromacy



Original Color

61.2285, 73.0577, 71.8472

Protanomaly

66.0901, 72.7537, 68.9521

Deuteranomaly

68.9180, 72.5246, 73.3171

Tritanomaly

64.3230, 73.0713, 87.0579

Monochromacy



Original Color

61.2285, 73.0577, 71.8472

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.7125, 70.2194, 73.8140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2285, 73.0577, 71.8472 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(188, 232, 210)` looks like.

```
.text, #text, p{  
    color:rgb(188, 232, 210)  
}
```

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(188, 232, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 232, 210) }
```

Border

The CSS property to change the border of an element to XYZ 61.2285, 73.0577, 71.8472 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(188, 232, 210) }
```


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

```
.border{ border-color:rgb(188, 232, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 232, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 232, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 232, 210);  
box-shadow:4px 4px 4px 4px rgb(188, 232,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2285, 73.0577, 71.8472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 232, 210) }
```

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

```
.background{ background-color: rgb(188,  
232, 210) }
```

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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