

Converting Colors

XYZ(57.0882, 70.6188, 64.8055)

Have a look what the booklet for
XYZ(57.0882, 70.6188, 64.8055)
contains.

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Color

**XYZ(57.0162, 70.6225,
64.6593)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E7C7
RGB	177, 231, 199
RGB Percent	69%, 91%, 78%
CMY	0.3059, 0.0941, 0.2196
CMYK	0.23, 0.00, 0.14, 0.09
HSL	144°, 53%, 80%
HSV	144°, 23%, 91%
XYZ	57.0162, 70.6225, 64.6593
YIQ	211.2060, -21.9120, -21.4000

Conversions

Conversions Part 2

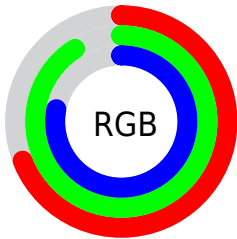
Format	Color
RYB	177, 215, 231
Decimal	11659207
CIELab	87.30, -23.58, 10.00
CIELCh	87, 25.610, 157.020
Yxy	70.6225, 0.2965, 0.3673
Android (android.graphics.Color)	4289849287 (0xFFB1E7C7)
YUV	211.2060, -6.0176, -29.9987
Hunter-Lab	84.0372, -25.9593, 13.2075

Details

The XYZ color **57.0162, 70.6225, 64.6593** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.1882, 53.0384, 67.3898**, and the grayscale version is **62.1035, 65.3377, 71.1528**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **28.6092, 36.9152, 32.4056** is the 20% darker color. If you saturate the color by 10%, you get **50.6749, 67.5309, 56.4359**, and if you desaturate by 10%, it is **64.3951, 74.2364, 73.6808**.

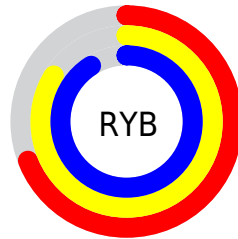
Distribution



Red (69%)

Green (91%)

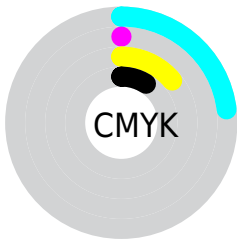
Blue (78%)



Red (69%)

Yellow (84%)

Blue (91%)

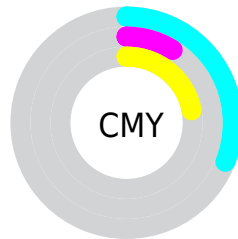


Cyan (23%)

Magenta (0%)

Yellow (14%)

Black (9%)



Cyan (31%)


Magenta (9%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0162, 70.6225, 64.6593 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 57.0162, 70.6225, 64.6593 by changing the saturation by 10% instead.


 57.0162, 70.6225,
64.6593

 57.0162, 70.6225,
64.6593


403.5232,
462.7327, 459.8393

 41.2584, 52.0342,
46.7353

 99.6200, 120.0961,
113.1685

 28.7096, 37.0323,
32.4736


127.1968,
151.7501, 144.5907

 19.0045, 25.2325,
21.4557


159.4440,
188.5281, 181.3494

 11.7775, 16.2504,
13.2630

196.7270,
230.8146, 223.8632

 6.6635, 9.7015,
7.4771

239.4110,
278.9939, 272.5505

 3.2970, 5.2015,
3.6793


287.8615,


 1.3127, 2.3660,


333.4505, 327.8299


1.4511


342.4438,
394.5686, 390.1200


 0.1927, 0.8083,
0.1811


 0.0000, 0.0000,
0.0000


 57.0162, 70.6225,
64.6593


 57.0162, 70.6225,
64.6593


 50.6749, 67.5309,
56.4359


 64.3951, 74.2364,
73.6808


 45.3167, 64.9280,
48.9839

 72.8510, 78.3867,
83.5165

 40.8910, 62.7902,
42.2820

 82.4284, 83.0977,
94.1883

 37.3400, 61.0882,
36.3063

 87.6683, 85.5549,
105.4581

■ 34.5992, 59.7892,
31.0314

■ 87.8673, 85.6345,
106.5058

■ 32.5943, 58.8554,
26.4301

■ 31.2361, 58.2414,
22.4733

■ 30.6025, 57.9646,
20.1906

Harmonies

Analogous

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



60.3897, 70.6225, 53.3360



57.0162, 70.6225, 64.6593



56.2730, 70.6225, 81.0216

Triad

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



57.0162, 70.6225, 64.6593



68.5501, 70.6225, 114.7395



76.8032, 70.6225, 58.6033

Complementary

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



57.0162, 70.6225, 64.6593



60.1882, 53.0384, 67.3898

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.



79.2886, 70.6225, 72.9127



57.0162, 70.6225, 64.6593



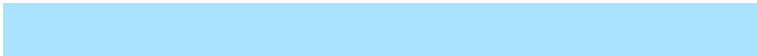
74.3424, 70.6225, 106.5368

Square

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



57.0162, 70.6225, 64.6593



62.7036, 70.6225, 111.6550



78.3622, 70.6225, 90.5864



71.7486, 70.6225, 50.2220

Rectangle

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



57.0162, 70.6225, 64.6593



57.3263, 70.6225, 92.9712



78.3622, 70.6225, 90.5864



77.9802, 70.6225, 62.7894

Sweetspot

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



57.0181, 70.6255, 64.6609



87.1284, 96.1077, 99.8826



62.9221, 73.9432, 52.5520



18.5098, 20.5026, 21.2177



0.0000, 0.0000, 0.0000



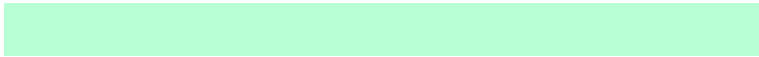
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0181, 70.6255, 64.6609



67.4021, 86.4493, 75.8769



60.3824, 71.9711, 82.3766



14.4315, 16.1860, 16.5369



17.2134, 32.5174, 11.6238



1.3171, 2.4210, 1.0965

Inverse Universe

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



60.1882, 53.0384, 67.3898



72.0130, 60.8612, 79.8405



57.1642, 51.8287, 51.4652



14.7336, 14.5106, 16.7976



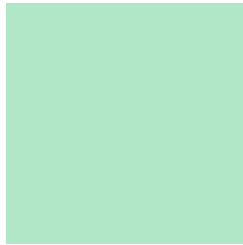
21.0652, 10.5603, 14.5042



1.6024, 0.7987, 1.3130

Previews

White Background



This preview shows how the XYZ color 57.0162, 70.6225, 64.6593 looks on a white background.

Color Contrast Check

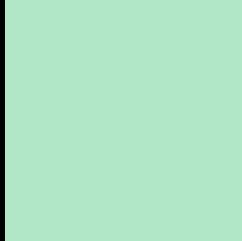
Large Text (above 18pt) WCAG AA × Fail

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 57.0162, 70.6225, 64.6593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

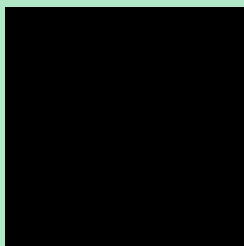
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

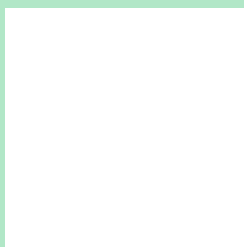
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0162, 70.6225, 64.6593

Background



This preview shows how black text looks on a background with the XYZ color 57.0162, 70.6225, 64.6593.



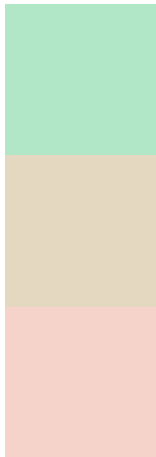
This preview shows how white text looks on a background with the XYZ color 57.0162, 70.6225,

64.6593.

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

57.0162, 70.6225, 64.6593

Protanopia

66.3222, 69.9255, 59.8706

Deuteranopia

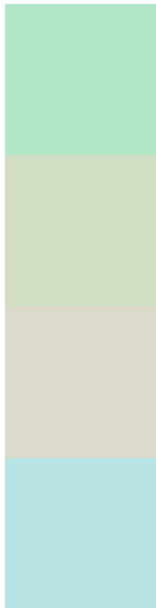
71.7299, 70.3128, 66.2911



Tritanopia

63.1105, 70.6358, 95.1018

Trichromacy



Original Color

57.0162, 70.6225, 64.6593

Protanomaly

62.2661, 69.7380, 61.8088

Deuteranomaly

65.2473, 69.6227, 65.8767

Tritanomaly

60.6256, 70.4293, 83.0720

Monochromacy



Original Color

57.0162, 70.6225, 64.6593

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

59.8871, 66.7899, 68.7668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0162, 70.6225, 64.6593 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(177, 231, 199)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 199)  
}
```

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(177, 231, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.0162, 70.6225, 64.6593 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(177, 231, 199) }
```


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

```
.border{ border-color:rgb(177, 231, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 231, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 199);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0162, 70.6225, 64.6593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 199) }
```

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

```
.background{ background-color: rgb(177,  
231, 199) }
```

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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