

Converting Colors

XYZ(58.6730, 71.4890, 67.5848)

Have a look what the booklet for
XYZ(58.6730, 71.4890, 67.5848)
contains.

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Color

**XYZ(58.7664, 71.4565,
67.8219)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E7CC
RGB	182, 231, 204
RGB Percent	71%, 91%, 80%
CMY	0.2863, 0.0941, 0.2000
CMYK	0.21, 0.00, 0.12, 0.09
HSL	147°, 51%, 81%
HSV	147°, 21%, 91%
XYZ	58.7664, 71.4565, 67.8219
YIQ	213.2710, -20.5370, -18.7850

Conversions

Conversions Part 2

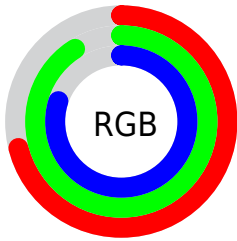
Format	Color
R _Y B	182, 216, 231
Decimal	11986892
CIE Lab	87.71, -21.05, 8.00
CIE LCh	88, 22.520, 159.194
Yxy	71.4565, 0.2967, 0.3608
Android (android.graphics.Color)	4290176972 (0xFFB6E7CC)
YUV	213.2710, -4.5706, -27.4247
Hunter-Lab	84.5319, -23.8381, 11.6026

Details

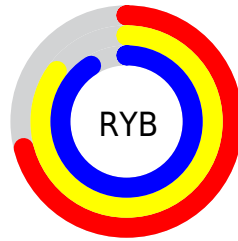
The XYZ color **58.7664, 71.4565, 67.8219** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.1941, 55.0501, 67.7252**, and the grayscale version is **63.4683, 66.7736, 72.7164**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **29.7371, 37.4511, 34.5156** is the 20% darker color. If you saturate the color by 10%, you get **52.2897, 68.2889, 59.8726**, and if you desaturate by 10%, it is **66.2718, 75.1439, 76.4738**.

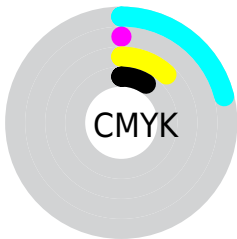
Distribution



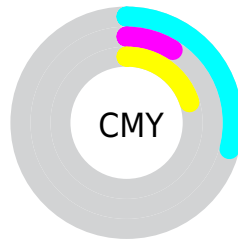
- Red (71%)
- Green (91%)
- Blue (80%)



- Red (71%)
- Yellow (85%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7664, 71.4565, 67.8219 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 58.7664, 71.4565, 67.8219 by changing the saturation by 10% instead.

■ 58.7664, 71.4565,
67.8219

■ 58.7664, 71.4565,
67.8219

409.9437,
465.6477, 471.4457

■ 42.6707, 52.7148,
49.2871

■ 102.1546,
121.2835, 117.7491

■ 29.8203, 37.5752,
34.4801

130.1779,
153.1376, 149.9786

■ 19.8496, 25.6531,
22.9823

162.9078,
190.1313, 187.6100

■ 12.3934, 16.5643,
14.3753

200.7097,
232.6490, 231.0620

■ 7.0863, 9.9244,
8.2404

243.9488,
281.0751, 280.7530

■ 3.5629, 5.3488,
4.1592


292.9906,

■ 1.4580, 2.4534,


335.7940, 337.1016

1.7131


348.2005,
397.1900, 400.5263


 0.2970, 0.8531,
0.3697


 0.0000, 0.0000,
0.0000


 58.7664, 71.4565,
67.8219

 58.7664, 71.4565,
67.8219


 52.2897, 68.2889,
59.8726


 66.2718, 75.1439,
76.4738


 46.7888, 65.6082,
52.6034

 74.8438, 79.3645,
85.8407

 42.2146, 63.3917,
45.9976

 84.5259, 84.1423,
95.9404

 38.5116, 61.6108,
40.0356

 87.8543, 85.6293,
106.4377

■ 35.6176, 60.2341,
34.6973

■ 87.8672, 85.6345,
106.5057

■ 33.4619, 59.2254,
29.9609

■ 31.9603, 58.5417,
25.8033

■ 31.0612, 58.1480,
22.6062

Harmonies

Analogous

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



61.6346, 71.4565, 57.1717



58.7664, 71.4565, 67.8219



58.2797, 71.4565, 82.5965

Triad

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



58.7664, 71.4565, 67.8219



69.5707, 71.4565, 110.5824



76.1874, 71.4565, 60.6651

Complementary

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



58.7664, 71.4565, 67.8219



61.1941, 55.0501, 67.7252

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.



78.5627, 71.4565, 73.2005



58.7664, 71.4565, 67.8219



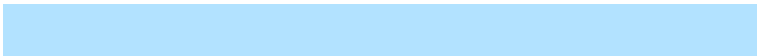
74.6130, 71.4565, 102.8843

Square

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



58.7664, 71.4565, 67.8219



64.3360, 71.4565, 108.6478



77.9719, 71.4565, 88.7204



71.6290, 71.4565, 53.4313

Rectangle

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



58.7664, 71.4565, 67.8219



59.3445, 71.4565, 93.0427



77.9719, 71.4565, 88.7204



77.2782, 71.4565, 64.3272

Sweetspot

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



58.7684, 71.4595, 67.8235



88.3155, 96.6816, 101.6540



63.5339, 74.1999, 55.2304



18.7527, 20.6198, 21.5936



0.0000, 0.0000, 0.0000



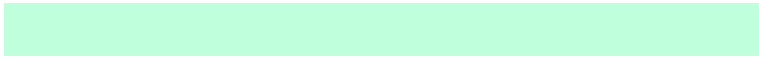
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7684, 71.4595, 67.8235



70.2099, 87.7893, 80.8649



61.8363, 72.6867, 83.9789



14.4569, 16.1962, 16.6709



17.4731, 32.6214, 12.9918



1.3374, 2.4291, 1.2036

Inverse Universe

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



61.1941, 55.0501, 67.7252



73.7050, 64.1426, 80.7208



58.4702, 53.9605, 53.3815



14.7077, 14.5003, 16.6611



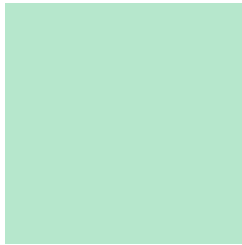
20.6968, 10.4129, 12.5642



1.5761, 0.7881, 1.1742

Previews

White Background



This preview shows how the XYZ color 58.7664, 71.4565, 67.8219 looks on a white background.

Color Contrast Check

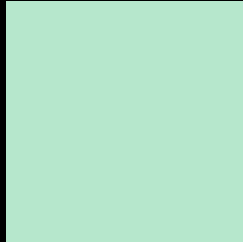
Large Text (above 18pt) WCAG AA × Fail

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 58.7664, 71.4565, 67.8219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

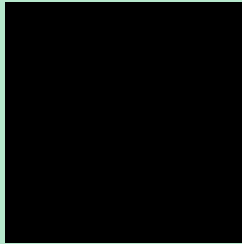
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

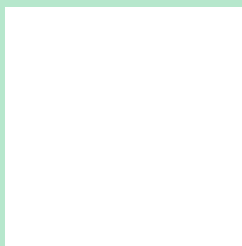
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7664, 71.4565, 67.8219

Background



This preview shows how black text looks on a background with the XYZ color 58.7664, 71.4565, 67.8219.

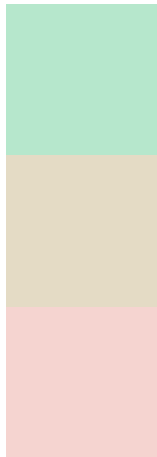


This preview shows how white text looks on a background with the XYZ color 58.7664, 71.4565,

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

58.7664, 71.4565, 67.8219

Protanopia

67.4045, 71.1882, 63.0114

Deuteranopia

72.5848, 71.0535, 69.5636



Tritanopia

64.0891, 71.1403, 95.1476

Trichromacy



Original Color

58.7664, 71.4565, 67.8219

Protanomaly

63.6770, 70.7944, 64.9521

Deuteranomaly

66.7182, 70.6976, 69.1611

Tritanomaly

61.8616, 71.0344, 84.5793

Monochromacy



Original Color

58.7664, 71.4565, 67.8219

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.5832, 68.3961, 70.9288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7664, 71.4565, 67.8219 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(182, 231, 204)` looks like.

```
.text, #text, p{  
    color:rgb(182, 231, 204)  
}
```

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(182, 231, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 231, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.7664, 71.4565, 67.8219 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(182, 231, 204) }
```


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

```
.border{ border-color:rgb(182, 231, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 231, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 231, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 231, 204);  
box-shadow:4px 4px 4px 4px rgb(182, 231,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7664, 71.4565, 67.8219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 231, 204) }
```

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

```
.background{ background-color: rgb(182,  
231, 204) }
```

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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