

Converting Colors

XYZ(64.6182, 75.5155, 89.4648)

Have a look what the booklet for
XYZ(64.6182, 75.5155, 89.4648)
contains.

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Color

**XYZ(64.7113, 75.7291,
89.8038)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B9EBEB |
| RGB | 185, 235, 235 |
| RGB Percent | 73%, 92%, 92% |
| CMY | 0.2745, 0.0784, 0.0784 |
| CMYK | 0.21, 0.00, 0.00, 0.08 |
| HSL | 180°, 56%, 82% |
| HSV | 180°, 21%, 92% |
| XYZ | 64.7113, 75.7291, 89.8038 |
| YIQ | 220.0500, -29.8000, -10.6000 |

Conversions

Conversions Part 2

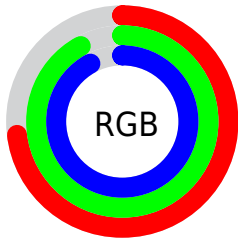
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 185, 210, 235 |
| Decimal | 12184555 |
| CIELab | 89.73, -15.88, -5.26 |
| CIELCh | 90, 16.733, 198.327 |
| Yxy | 75.7291, 0.2811, 0.3289 |
| Android (android.graphics.Color) | 4290374635 (0xFFB9EBEB) |
| YUV | 220.0500, 7.3704, -30.7388 |
| Hunter-Lab | 87.0225, -19.5539, -0.2692 |

Details

The XYZ color **64.7113, 75.7291, 89.8038** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.3695, 55.8650, 53.5032**, and the grayscale version is **68.0292, 71.5721, 77.9420**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **33.6169, 40.3202, 48.6586** is the 20% darker color. If you saturate the color by 10%, you get **59.5044, 73.0468, 89.5607**, and if you desaturate by 10%, it is **70.8596, 78.9006, 90.0942**.

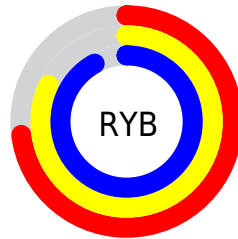
Distribution



Red (73%)

Green (92%)

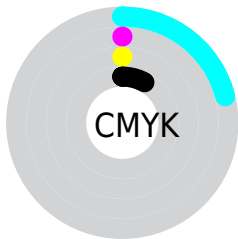
Blue (92%)



Red (73%)

Yellow (82%)

Blue (92%)

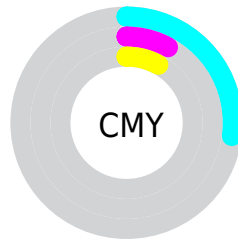


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (8%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7113, 75.7291, 89.8038 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 64.7113, 75.7291, 89.8038 by changing the saturation by 10% instead.

64.7113, 75.7291,
89.8038

64.7113, 75.7291,
89.8038

431.3154,
480.4199, 547.9460

47.4908, 56.2104,
67.2451

110.7027,
127.3439, 148.9990

33.6334, 40.3716,
48.8210

140.2044,
160.2088, 186.4726

22.7737, 27.8284,
34.1129

174.5305,
198.2912, 229.7549

14.5463, 18.1964,
22.7023

214.0465,
241.9755, 279.2644

8.5858, 11.0911,
14.1706

259.1176,
291.6462, 335.4198

4.5270, 6.1281,
8.0993

310.1092,

2.0044, 2.9231,

347.6875, 398.6395

4.0699

367.3867,
410.4839, 469.3420

0.6364, 1.0917,
1.6638

0.0000, 0.0000,
0.3357

64.7113, 75.7291,
89.8038

64.7113, 75.7291,
89.8038

59.5044, 73.0468,
89.5607

70.8596, 78.9006,
90.0942

55.1864, 70.8208,
89.3575

77.9856, 82.5741,
90.4288

51.7095, 69.0284,
89.1937

85.9459, 86.6778,
90.8024

49.0189, 67.6414,
89.0667

85.9461, 86.6779,
90.8035

■ 47.0535, 66.6282,
88.9737

■ 85.9463, 86.6780,
90.8046

■ 45.7428, 65.9526,
88.9113

■ 85.9465, 86.6781,
90.8056

■ 45.0026, 65.5710,
88.8755

■ 85.9467, 86.6782,
90.8067

■ 44.7037, 65.4169,
88.8606

■ 85.9469, 86.6782,
90.8078

■ 85.9472, 86.6783,
90.8089

Harmonies

Analogous

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



64.4897, 75.7291, 77.9468



64.7113, 75.7291, 89.8038



66.8345, 75.7291, 100.6059

Triad

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



64.7113, 75.7291, 89.8038



78.0642, 75.7291, 98.4932



73.5943, 75.7291, 62.1586

Complementary

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



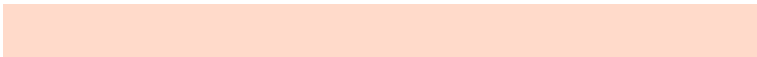
64.7113, 75.7291, 89.8038



60.3695, 55.8650, 53.5032

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.



77.3794, 75.7291, 66.6320



64.7113, 75.7291, 89.8038



80.0251, 75.7291, 87.1361

Square

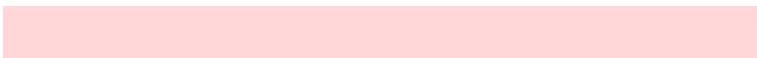
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.7113, 75.7291, 89.8038



74.5001, 75.7291, 105.9433



79.7698, 75.7291, 75.5206



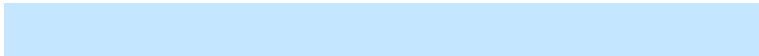
69.5140, 75.7291, 62.7252

Rectangle

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



64.7113, 75.7291, 89.8038



69.0897, 75.7291, 105.4082



79.7698, 75.7291, 75.5206



74.9462, 75.7291, 63.1039

Sweetspot

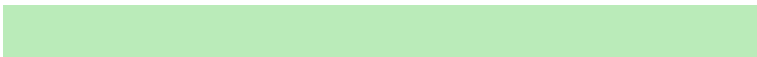
The Sweet Spot groups the original color and five complimentary colors.



64.7135, 75.7322, 89.8055



89.6433, 97.2127, 108.6462



58.6768, 73.3408, 56.9640



19.0671, 20.7455, 23.2491



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.



64.7135, 75.7322, 89.8055



74.7213, 89.5202, 107.9453



58.2581, 62.8206, 87.6559



15.5177, 17.1219, 19.4090



24.8785, 36.4059, 49.4529



1.9536, 2.8587, 3.8833

Inverse Universe

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



60.3695, 55.8650, 53.5032



68.5263, 61.1875, 56.1745



65.8620, 66.8504, 55.3325



15.0656, 15.0541, 15.6306



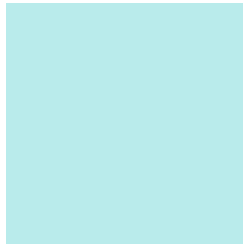
19.0678, 9.8298, 0.8927



1.4973, 0.7719, 0.0702

Previews

White Background



This preview shows how the XYZ color 64.7113, 75.7291, 89.8038 looks on a white background.

Color Contrast Check

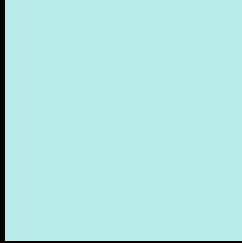
Large Text (above 18pt) WCAG AA × Fail

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 64.7113, 75.7291, 89.8038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

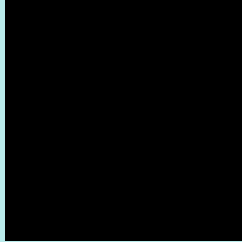
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7113, 75.7291, 89.8038

Background



This preview shows how black text looks on a background with the XYZ color 64.7113, 75.7291, 89.8038.



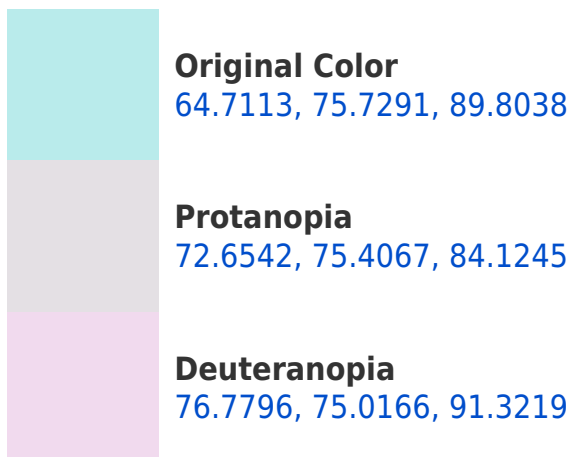
This preview shows how white text looks on a background with the XYZ color 64.7113, 75.7291,

89.8038.

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

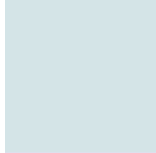
67.2905, 75.9342, 102.3770

Trichromacy



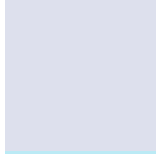
Original Color

64.7113, 75.7291, 89.8038



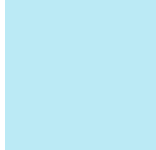
Protanomaly

69.3186, 75.2534, 86.4732



Deuteranomaly

71.7605, 74.7979, 90.7760



Tritanomaly

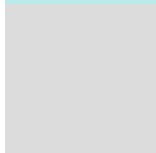
66.3978, 76.0030, 97.5567

Monochromacy



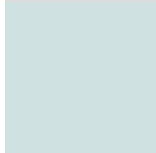
Original Color

64.7113, 75.7291, 89.8038



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

66.2479, 72.5521, 81.7465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7113, 75.7291, 89.8038 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(185, 235, 235)` looks like.

```
.text, #text, p{  
    color:rgb(185, 235, 235)  
}
```

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(185, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 235, 235) }
```

Border

The CSS property to change the border of an element to XYZ 64.7113, 75.7291, 89.8038 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(185, 235, 235) }
```


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

```
.border{ border-color:rgb(185, 235, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(185, 235,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7113, 75.7291, 89.8038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 235, 235) }
```

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

```
.background{ background-color: rgb(185,  
235, 235) }
```

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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