

Converting Colors

XYZ(65.1266, 72.8259, 96.6920)

Have a look what the booklet for
XYZ(65.1266, 72.8259, 96.6920)
contains.

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Color

**XYZ(65.2111, 72.8982,
97.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE4F5
RGB	189, 228, 245
RGB Percent	74%, 89%, 96%
CMY	0.2588, 0.1059, 0.0392
CMYK	0.23, 0.07, 0.00, 0.04
HSL	198°, 74%, 85%
HSV	198°, 23%, 96%
XYZ	65.2111, 72.8982, 97.0200
YIQ	218.2770, -28.7010, -2.9810

Conversions

Conversions Part 2

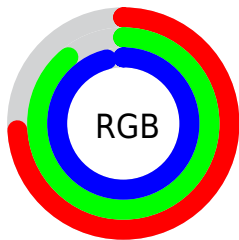
Format	Color
RYB	189, 212, 245
Decimal	12444917
CIELab	88.40, -9.00, -12.46
CIELCh	88, 15.370, 234.140
Yxy	72.8982, 0.2773, 0.3100
Android (android.graphics.Color)	4290634997 (0xFFBDE4F5)
YUV	218.2770, 13.1744, -25.6759
Hunter-Lab	85.3804, -13.0827, -7.6064

Details

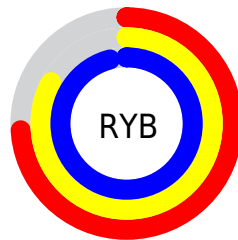
The XYZ color **65.2111, 72.8982, 97.0200** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.9136, 67.2295, 57.4901**, and the grayscale version is **66.7595, 70.2362, 76.4872**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **34.1206, 38.7122, 53.8180** is the 20% darker color. If you saturate the color by 10%, you get **57.6380, 66.0239, 96.0935**, and if you desaturate by 10%, it is **73.9031, 80.4836, 98.0272**.

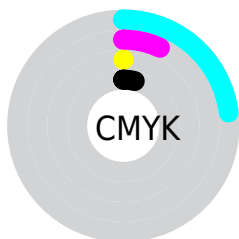
Distribution



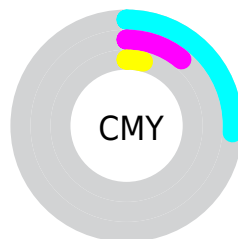
- Red (74%)
- Green (89%)
- Blue (96%)



- Red (74%)
- Yellow (83%)
- Blue (96%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (26%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2111, 72.8982, 97.0200 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 65.2111, 72.8982, 97.0200 by changing the saturation by 10% instead.

■ 65.2111, 72.8982,
97.0200

■ 65.2111, 72.8982,
97.0200

433.0834,
470.6619, 571.7605

■ 47.8976, 53.8927,
73.2112

■ 111.4173,
123.3327, 159.0719

■ 33.9567, 38.5159,
53.6558

141.0408,
155.5305, 198.1521

■ 23.0231, 26.3833,
37.9353

175.4982,
192.8945, 243.1598

■ 14.7313, 17.1106,
25.6310

215.1551,
235.8092, 294.5136

■ 8.7161, 10.3134,
16.3245

260.3767,
284.6588, 352.6320

■ 4.6121, 5.6072,
9.5972

311.5283,

■ 2.0539, 2.6078,

339.8279, 417.9336

5.0306

368.9755,
401.7008, 490.8369

■ 0.6640, 0.9306,
2.2062

■ 0.0000, 0.0000,
0.6779

■ 65.2111, 72.8982,
97.0200

■ 65.2111, 72.8982,
97.0200

■ 57.6380, 66.0239,
96.0935

■ 73.9031, 80.4836,
98.0272

■ 51.1247, 59.8232,
95.2399

■ 83.7565, 88.7981,
99.1127

■ 45.6162, 54.2678,
94.4579

■ 92.0048, 96.4190,
100.1490

■ 41.0496, 49.3236,
93.7443

■ 93.4817, 99.3727,
100.6413

■ 37.3546, 44.9527,
93.0954

■ 34.4499, 41.1115,
92.5070

■ 32.2374, 37.7475,
91.9743

■ 30.9762, 35.5818,
91.6228

Harmonies

Analogous

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



63.0084, 72.8982, 87.9835



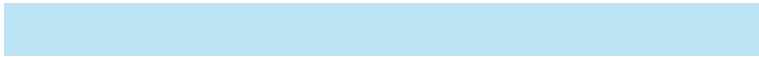
65.2111, 72.8982, 97.0200



68.5653, 72.8982, 101.3680

Triad

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



65.2111, 72.8982, 97.0200



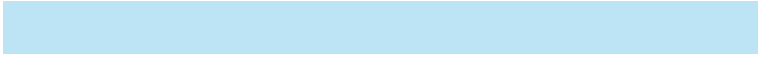
76.5931, 72.8982, 81.4677



66.4242, 72.8982, 62.2268

Complementary

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



65.2111, 72.8982, 97.0200



68.9136, 67.2295, 57.4901

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.



70.0149, 72.8982, 60.8160



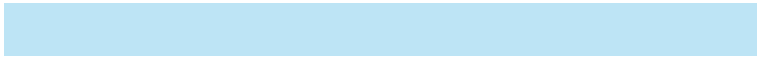
65.2111, 72.8982, 97.0200



75.9706, 72.8982, 71.3449

Square

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



65.2111, 72.8982, 97.0200



75.2025, 72.8982, 91.8909



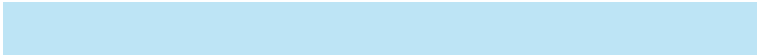
73.5304, 72.8982, 64.0085



63.6912, 72.8982, 68.0482

Rectangle

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



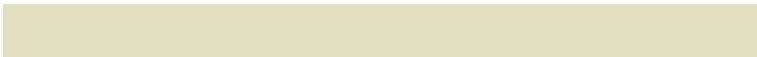
65.2111, 72.8982, 97.0200



71.0366, 72.8982, 100.7690



73.5304, 72.8982, 64.0085



67.5675, 72.8982, 61.2439

Sweetspot

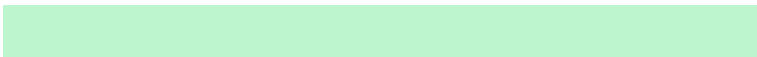
The Sweet Spot groups the original color and five complimentary colors.



65.2133, 72.9012, 97.0217



87.0810, 93.3621, 108.0388



64.7564, 80.5716, 70.4056



18.4983, 19.8649, 23.1093



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.



65.2133, 72.9012, 97.0217



67.7881, 76.5818, 105.8167



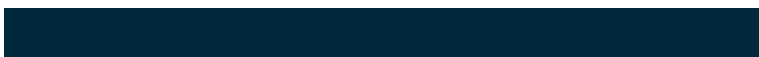
58.1698, 58.8143, 94.6738



16.5474, 17.8591, 21.1176



16.8149, 19.4236, 49.4009



1.5681, 1.8876, 4.3719

Inverse Universe

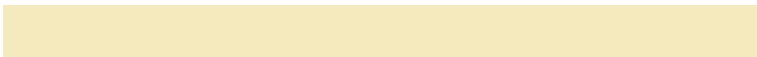
The Inverse Universe completely reimagines the original color for something new.



69.8591, 61.4108, 81.5736



73.6965, 62.3874, 86.0768



76.2088, 81.8198, 59.9219



16.9869, 16.6776, 19.6775



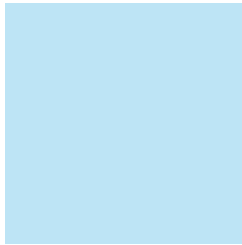
24.2919, 12.0602, 22.0433



2.1806, 1.0782, 2.1772

Previews

White Background



This preview shows how the XYZ color 65.2111, 72.8982, 97.0200 looks on a white background.

Color Contrast Check

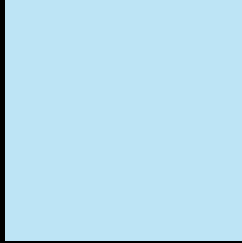
Large Text (above 18pt) WCAG AA × Fail

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 65.2111, 72.8982, 97.0200 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 65.2111, 72.8982, 97.0200

Background



This preview shows how black text looks on a background with the XYZ color 65.2111, 72.8982, 97.0200.

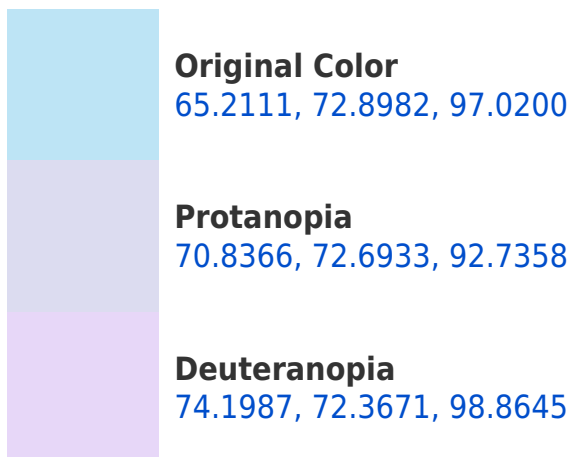


This preview shows how white text looks on a background with the XYZ color 65.2111, 72.8982,

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

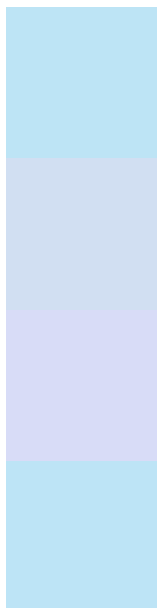




Tritanopia

65.3642, 72.9594, 97.8263

Trichromacy



Original Color

65.2111, 72.8982, 97.0200

Protanomaly

68.7092, 72.7415, 94.4235

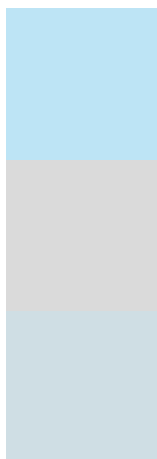
Deuteranomaly

70.7006, 72.5007, 98.2634

Tritanomaly

65.3642, 72.9594, 97.8263

Monochromacy



Original Color

65.2111, 72.8982, 97.0200

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.8570, 71.1094, 83.6532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2111, 72.8982, 97.0200 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(189, 228, 245)` looks like.

```
.text, #text, p{  
    color:rgb(189, 228, 245)  
}
```

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(189, 228, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 228, 245) }
```

Border

The CSS property to change the border of an element to XYZ 65.2111, 72.8982, 97.0200 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(189, 228, 245) }
```


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

```
.border{ border-color:rgb(189, 228, 245) }
```

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

Here you see how a box with a 4 pixel rgb(189, 228, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 228, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 228, 245);  
box-shadow:4px 4px 4px 4px rgb(189, 228,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2111, 72.8982, 97.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 228, 245) }
```

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

```
.background{ background-color: rgb(189,  
228, 245) }
```

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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