

Converting Colors

XYZ(65.4380, 71.4863, 97.2038)

Have a look what the booklet for
XYZ(65.4380, 71.4863, 97.2038)
contains.

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Color

**XYZ(65.5383, 71.4345,
97.5228)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E0F6
RGB	194, 224, 246
RGB Percent	76%, 88%, 96%
CMY	0.2392, 0.1216, 0.0353
CMYK	0.21, 0.09, 0.00, 0.04
HSL	205°, 74%, 86%
HSV	205°, 21%, 96%
XYZ	65.5383, 71.4345, 97.5228
YIQ	217.5380, -24.9420, 0.4820

Conversions

Conversions Part 2

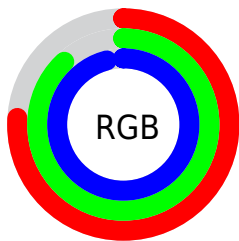
Format	Color
RYB	194, 213, 246
Decimal	12771574
CIELab	87.70, -5.24, -14.00
CIELCh	88, 14.949, 249.499
Yxy	71.4345, 0.2795, 0.3046
Android (android.graphics.Color)	4290961654 (0xFFC2E0F6)
YUV	217.5380, 14.0318, -20.6428
Hunter-Lab	84.5189, -9.4943, -9.2490

Details

The XYZ color **65.5383, 71.4345, 97.5228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3001, 72.5995, 61.2428**, and the grayscale version is **66.2432, 69.6930, 75.8956**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **34.2974, 37.6691, 54.1784** is the 20% darker color. If you saturate the color by 10%, you get **57.0284, 63.0235, 96.3490**, and if you desaturate by 10%, it is **75.2688, 80.7324, 98.8058**.

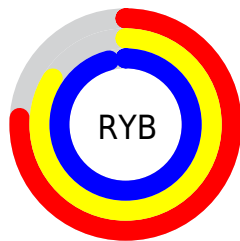
Distribution



Red (76%)

Green (88%)

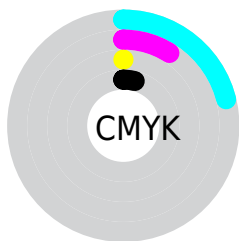
Blue (96%)



Red (76%)

Yellow (84%)

Blue (96%)

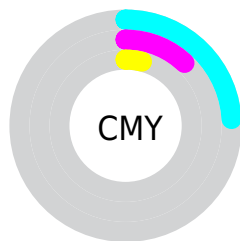


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5383, 71.4345, 97.5228 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 65.5383, 71.4345, 97.5228 by changing the saturation by 10% instead.

65.5383, 71.4345,
97.5228

65.5383, 71.4345,
97.5228

434.2386,
465.5709, 573.3997

48.1640, 52.6969,
73.6280

111.8848,
121.2522, 159.7708

34.1686, 37.5608,
53.9947

141.5878,
153.1010, 198.9611

23.1866, 25.6420,
38.2043

176.1310,
190.0891, 244.0871

14.8528, 16.5560,
25.8382

215.8798,
232.6007, 295.5671

8.8018, 9.9185,
16.4780

261.1997,
281.0203, 353.8199

4.6682, 5.3449,
9.7050

312.4558,

2.0867, 2.4510,

335.7323, 419.2639

5.1008

370.0137,
397.1210, 492.3176

■ 0.6820, 0.8520,
2.2467

■ 0.0000, 0.0000,
0.7011

■ 65.5383, 71.4345,
97.5228

■ 65.5383, 71.4345,
97.5228

■ 57.0284, 63.0235,
96.3490

■ 75.2688, 80.7324,
98.8058

■ 49.6783, 55.4583,
95.2762

■ 86.2641, 90.9391,
100.1964

■ 43.4311, 48.7066,
94.3022

■ 93.6348, 99.4339,
101.4476

■ 38.2226, 42.7306,
93.4232

■ 33.9808, 37.4882,
92.6349

■ 30.6237, 32.9323,
91.9325

■ 28.0537, 29.0070,
91.3103

■ 26.2985, 25.9813,
90.8188

Harmonies

Analogous

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



62.7742, 71.4345, 90.8611



65.5383, 71.4345, 97.5228



69.0267, 71.4345, 98.6529

Triad

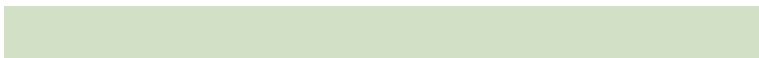
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.5383, 71.4345, 97.5228



74.8393, 71.4345, 74.6047



63.6548, 71.4345, 63.6758

Complementary

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



65.5383, 71.4345, 97.5228



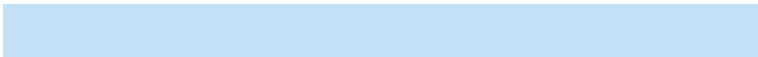
72.3001, 72.5995, 61.2428

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.



66.7784, 71.4345, 60.0808



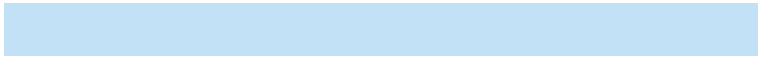
65.5383, 71.4345, 97.5228



73.2898, 71.4345, 66.0188

Square

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



65.5383, 71.4345, 97.5228



74.4792, 71.4345, 84.8151



70.3103, 71.4345, 60.8996



61.7133, 71.4345, 71.1452

Rectangle

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



65.5383, 71.4345, 97.5228



71.3063, 71.4345, 96.0266



70.3103, 71.4345, 60.8996



64.5969, 71.4345, 62.0050

Sweetspot

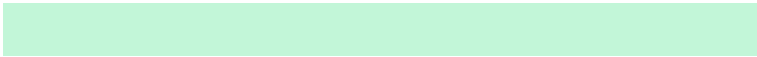
The Sweet Spot groups the original color and five complimentary colors.



65.5405, 71.4374, 97.5244



87.6133, 93.1526, 107.9703



67.5568, 82.3228, 77.0707



18.5862, 19.7837, 23.0890



0.0000, 0.0000, 0.0000



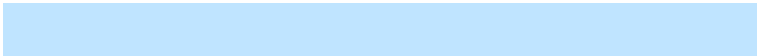
20.3446, 21.4041, 23.3091

Same Dimension

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



65.5405, 71.4374, 97.5244



67.3511, 73.8334, 105.3092



59.1544, 58.6653, 95.3957



16.3752, 17.5148, 21.0602



14.1789, 14.1515, 48.5222



1.3478, 1.4471, 4.2985

Inverse Universe

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



70.7541, 63.5598, 79.0635



73.9335, 64.2340, 81.9240



79.3979, 86.7952, 63.6088



16.9000, 16.6428, 19.2199



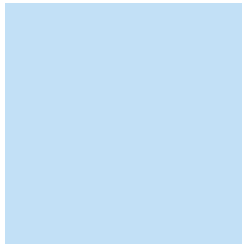
22.9613, 11.5280, 15.0367



2.0694, 1.0337, 1.5917

Previews

White Background



This preview shows how the XYZ color 65.5383, 71.4345, 97.5228 looks on a white background.

Color Contrast Check

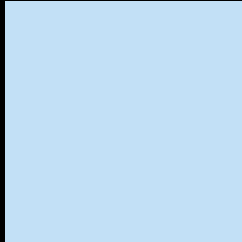
Large Text (above 18pt) WCAG AA × Fail

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 65.5383, 71.4345, 97.5228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

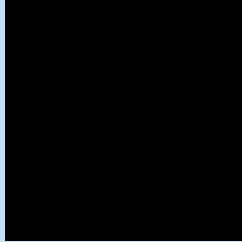
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

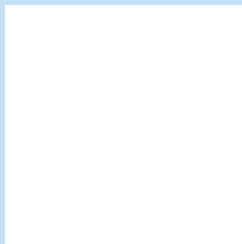
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5383, 71.4345, 97.5228

Background



This preview shows how black text looks on a background with the XYZ color 65.5383, 71.4345, 97.5228.

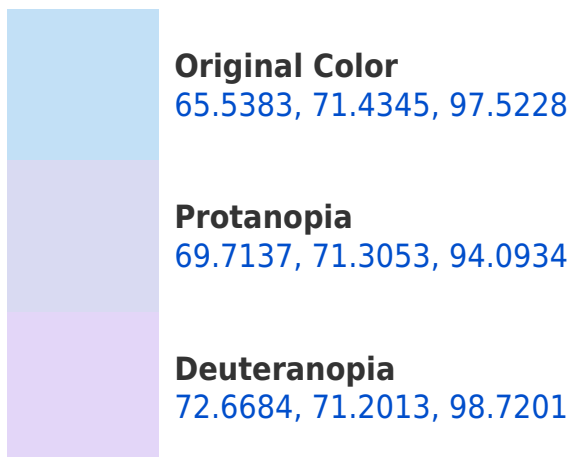


This preview shows how white text looks on a background with the XYZ color 65.5383, 71.4345,

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

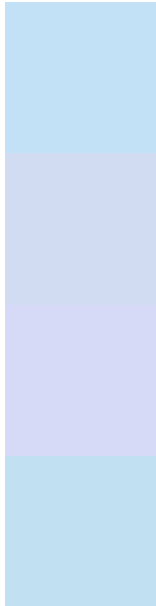




Tritanopia

64.9445, 71.5987, 94.4014

Trichromacy



Original Color

65.5383, 71.4345, 97.5228

Protanomaly

68.0654, 71.2128, 94.9520

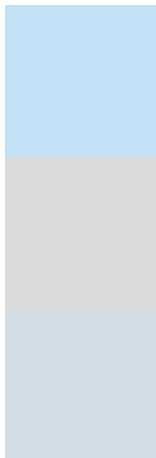
Deuteranomaly

69.8842, 71.3053, 98.0757

Tritanomaly

65.0952, 71.6589, 95.1947

Monochromacy



Original Color

65.5383, 71.4345, 97.5228

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.8913, 70.3431, 83.5035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5383, 71.4345, 97.5228 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(194, 224, 246)` looks like.

```
.text, #text, p{  
    color:rgb(194, 224, 246)  
}
```

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(194, 224, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 224, 246) }
```

Border

The CSS property to change the border of an element to XYZ 65.5383, 71.4345, 97.5228 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(194, 224, 246) }
```


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

```
.border{ border-color:rgb(194, 224, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 224, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 224, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 224, 246);  
box-shadow:4px 4px 4px 4px rgb(194, 224,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5383, 71.4345, 97.5228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 224, 246) }
```

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

```
.background{ background-color: rgb(194,  
224, 246) }
```

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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