

Converting Colors

XYZ(65.4677, 71.1132,
102.2370)

Have a look what the booklet for
XYZ(65.4677, 71.1132, 102.2370)
contains.

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Color

**XYZ(65.7122, 71.4159,
102.4167)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE0FC
RGB	191, 224, 252
RGB Percent	75%, 88%, 99%
CMY	0.2510, 0.1216, 0.0118
CMYK	0.24, 0.11, 0.00, 0.01
HSL	208°, 91%, 87%
HSV	208°, 24%, 99%
XYZ	65.7122, 71.4159, 102.4167
YIQ	217.3250, -28.6560, 1.7120

Conversions

Conversions Part 2

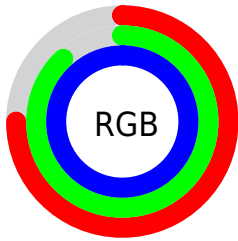
Format	Color
RYB	191, 212, 252
Decimal	12574972
CIELab	87.69, -4.81, -17.19
CIELCh	88, 17.849, 254.379
Yxy	71.4159, 0.2743, 0.2981
Android (android.graphics.Color)	4290765052 (0xFFBFE0FC)
YUV	217.3250, 17.0948, -23.0870
Hunter-Lab	84.5079, -9.0897, -12.6991

Details

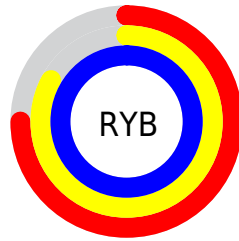
The XYZ color **65.7122, 71.4159, 102.4167** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.8813, 75.1206, 59.8451**, and the grayscale version is **66.0784, 69.5196, 75.7069**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **34.1916, 37.5503, 57.0756** is the 20% darker color. If you saturate the color by 10%, you get **56.9086, 62.4203, 101.1456**, and if you desaturate by 10%, it is **75.8219, 81.4023, 103.8126**.

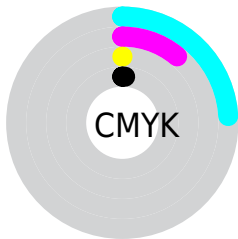
Distribution



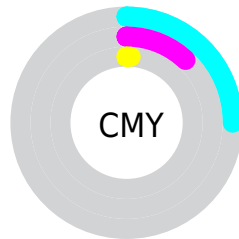
- Red (75%)
- Green (88%)
- Blue (99%)



- Red (75%)
- Yellow (83%)
- Blue (99%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (25%)
- Magenta (12%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7122, 71.4159, 102.4167 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 65.7122, 71.4159, 102.4167 by changing the saturation by 10% instead.

■ 65.7122, 71.4159,
102.4167

■ 65.7122, 71.4159,
102.4167

434.8518,
465.5060, 589.2261

■ 48.3057, 52.6817,
77.6923

■ 112.1332,
121.2257, 166.5551

■ 34.2813, 37.5487,
57.3063

141.8783,
153.0701, 206.8061

■ 23.2737, 25.6326,
40.8402

176.4671,
190.0534, 253.0698

■ 14.9175, 16.5490,
27.8755

216.2647,
232.5598, 305.7646

■ 8.8475, 9.9135,
17.9936

261.6367,
280.9739, 365.3091

■ 4.6981, 5.3416,
10.7760

312.9482,

■ 2.1042, 2.4491,

335.6801, 432.1218

5.8041

370.5648,
397.0626, 506.6213

■ 0.6915, 0.8510,
2.6595

■ 0.0000, 0.0000,
0.9229

■ 65.7122, 71.4159,
102.4167

■ 65.7122, 71.4159,
102.4167

■ 56.9086, 62.4203,
101.1456

■ 75.8219, 81.4023,
103.8126

■ 49.3447, 54.3698,
99.9903

■ 87.2871, 92.4056,
105.3322

■ 42.9575, 47.2272,
98.9483

■ 94.5709, 99.8084,
106.3772

■ 37.6756, 40.9491,
98.0149

■ 33.4186, 35.4874,
97.1850

■ 30.0942, 30.7873,
96.4530

■ 27.5899, 26.7834,
95.8122

■ 26.4227, 24.7319,
95.4778

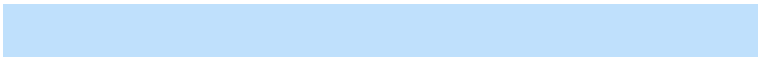
Harmonies

Analogous

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



62.2303, 71.4159, 95.2136



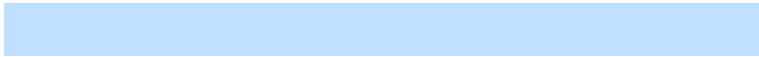
65.7122, 71.4159, 102.4167



69.9183, 71.4159, 102.5739

Triad

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



65.7122, 71.4159, 102.4167



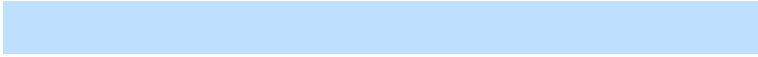
76.0653, 71.4159, 72.1181



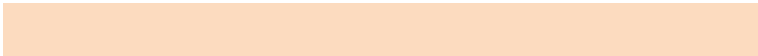
62.3481, 71.4159, 62.2724

Complementary

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



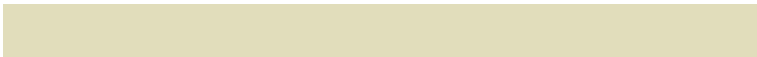
65.7122, 71.4159, 102.4167



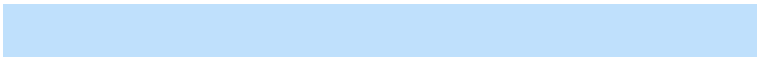
74.8813, 75.1206, 59.8451

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.



65.8791, 71.4159, 57.3098



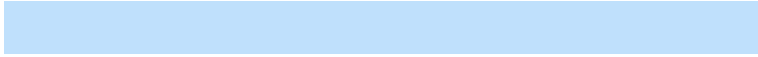
65.7122, 71.4159, 102.4167



73.8588, 71.4159, 62.5810

Square

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



65.7122, 71.4159, 102.4167



76.0160, 71.4159, 84.2017



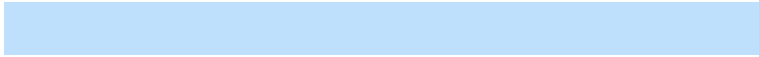
70.0922, 71.4159, 57.4165



60.3438, 71.4159, 71.6551

Rectangle

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



65.7122, 71.4159, 102.4167



72.5752, 71.4159, 98.6101



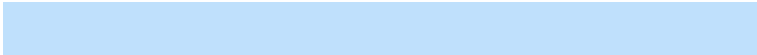
70.0922, 71.4159, 57.4165



63.3893, 71.4159, 60.0775

Sweetspot

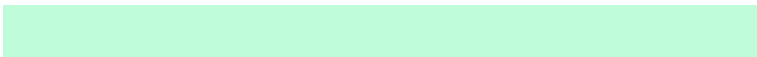
The Sweet Spot groups the original color and five complimentary colors.



65.7144, 71.4188, 102.4183



86.2270, 91.6540, 107.7541



69.0117, 85.7841, 79.5611



18.3004, 19.4690, 23.0433



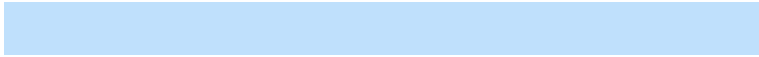
0.0000, 0.0000, 0.0000



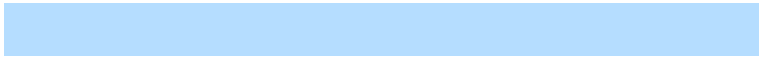
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7144, 71.4188, 102.4183



62.9896, 68.7935, 104.5663



58.3612, 56.7123, 99.9673



17.0611, 18.1990, 21.9988



13.9130, 13.1816, 49.7846



1.3946, 1.4329, 4.6463

Inverse Universe

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



72.2320, 63.3407, 78.9430



70.8330, 59.5517, 76.2087



83.4104, 92.1788, 62.6881



17.6374, 17.3823, 19.9461



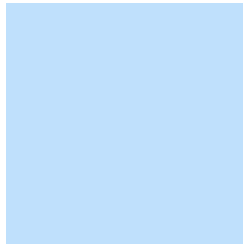
23.3147, 11.7416, 13.6314



2.2129, 1.1089, 1.5444

Previews

White Background



This preview shows how the XYZ color 65.7122, 71.4159, 102.4167 looks on a white background.

Color Contrast Check

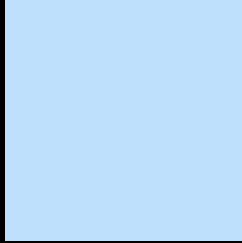
Large Text (above 18pt) WCAG AA × Fail

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 65.7122, 71.4159, 102.4167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

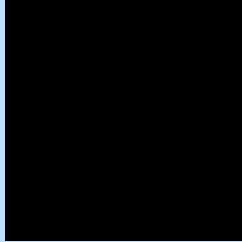
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

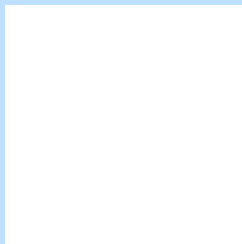
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7122, 71.4159, 102.4167

Background



This preview shows how black text looks on a background with the XYZ color 65.7122, 71.4159, 102.4167.

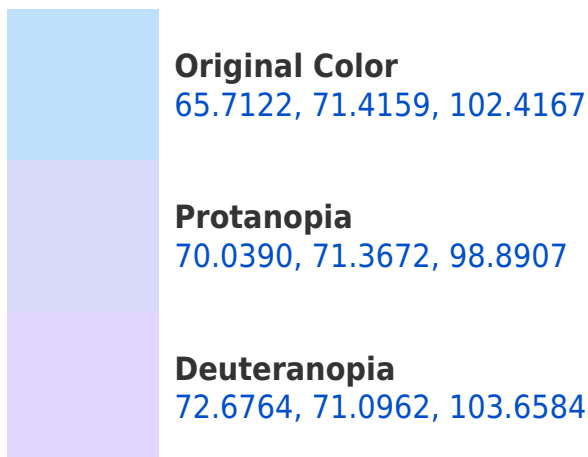


This preview shows how white text looks on a background with the XYZ color 65.7122, 71.4159,

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

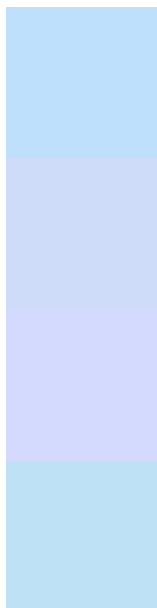




Tritanopia

64.0891, 71.1403, 95.1476

Trichromacy



Original Color

65.7122, 71.4159, 102.4167

Protanomaly

68.1457, 71.1478, 99.7638

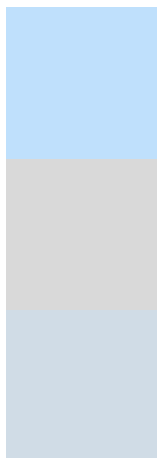
Deuteranomaly

69.9524, 71.2317, 102.9907

Tritanomaly

64.7950, 71.4514, 97.5652

Monochromacy



Original Color

65.7122, 71.4159, 102.4167

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.8886, 70.3095, 84.9613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7122, 71.4159, 102.4167 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(191, 224, 252)` looks like.

```
.text, #text, p{  
    color:rgb(191, 224, 252)  
}
```

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(191, 224, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 224, 252) }
```

Border

The CSS property to change the border of an element to XYZ 65.7122, 71.4159, 102.4167 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(191, 224, 252) }
```


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

```
.border{ border-color:rgb(191, 224, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 224, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 224, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 224, 252);  
box-shadow:4px 4px 4px 4px rgb(191, 224,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7122, 71.4159, 102.4167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 224, 252) }
```

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

```
.background{ background-color: rgb(191,  
224, 252) }
```

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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