

Converting Colors

XYZ(65.0615, 72.3425,
100.1569)

Have a look what the booklet for
XYZ(65.0615, 72.3425, 100.1569)
contains.

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Color

**XYZ(65.0615, 72.3425,
100.1569)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE3F9
RGB	187, 227, 249
RGB Percent	73%, 89%, 98%
CMY	0.2667, 0.1098, 0.0235
CMYK	0.25, 0.09, 0.00, 0.02
HSL	201°, 84%, 85%
HSV	201°, 25%, 98%
XYZ	65.0615, 72.3425, 100.1569
YIQ	217.5480, -30.9020, -1.6380

Conversions

Conversions Part 2

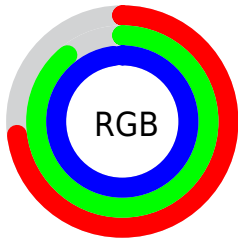
Format	Color
R _Y B	187, 211, 249
Decimal	12313593
CIE Lab	88.13, -8.20, -14.97
CIE LCh	88, 17.064, 241.299
Yxy	72.3425, 0.2739, 0.3045
Android (android.graphics.Color)	4290503673 (0xFFBBE3F9)
YUV	217.5480, 15.5058, -26.7906
Hunter-Lab	85.0544, -12.3034, -10.2796

Details

The XYZ color **65.0615, 72.3425, 100.1569** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.8379, 69.3290, 56.6638**, and the grayscale version is **66.2432, 69.6930, 75.8957**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **34.0510, 38.3418, 56.0581** is the 20% darker color. If you saturate the color by 10%, you get **57.1358, 64.7627, 99.1128**, and if you desaturate by 10%, it is **74.1717, 80.7206, 101.2951**.

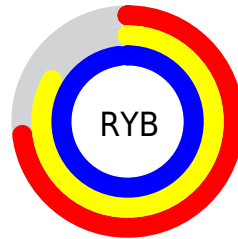
Distribution



Red (73%)

Green (89%)

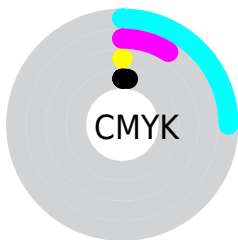
Blue (98%)



Red (73%)

Yellow (83%)

Blue (98%)

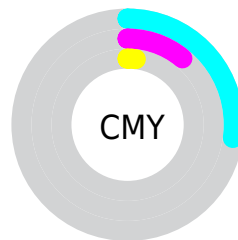


Cyan (25%)

Magenta (9%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0615, 72.3425, 100.1569 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 65.0615, 72.3425, 100.1569 by changing the saturation by 10% instead.

■ 65.0615, 72.3425,
100.1569

■ 65.0615, 72.3425,
100.1569

432.5547,
468.7328, 581.9466

■ 47.7758, 53.4385,
75.8140

■ 111.2035,
122.5434, 163.4265

■ 33.8599, 38.1529,
55.7742

140.7905,
154.6090, 203.1903

■ 22.9484, 26.1014,
39.6192

175.2087,
191.8307, 248.9315

■ 14.6759, 16.8995,
26.9302

214.8234,
234.5927, 301.0685

■ 8.6771, 10.1629,
17.2888

260.0000,
283.2796, 360.0200

■ 4.5866, 5.5071,
10.2765

311.1039,

■ 2.0390, 2.5477,

338.2756, 426.2045

5.4747

368.5003,
399.9652, 500.0405

■ 0.6557, 0.9005,
2.4648

■ 0.0000, 0.0000,
0.8214

■ 65.0615, 72.3425,
100.1569

■ 65.0615, 72.3425,
100.1569

■ 57.1358, 64.7627,
99.1128

■ 74.1717, 80.7206,
101.2951

■ 50.3317, 57.9408,
98.1546

■ 84.5123, 89.9178,
102.5253

■ 44.5902, 51.8451,
97.2807

■ 93.6250, 98.6715,
103.7346

■ 39.8437, 46.4381,
96.4872

■ 94.0991, 99.6196,
103.8927

■ 36.0161, 41.6776,
95.7700

■ 33.0193, 37.5151,
95.1245

■ 30.7452, 33.8918,
94.5450

■ 29.7839, 32.2092,
94.2709

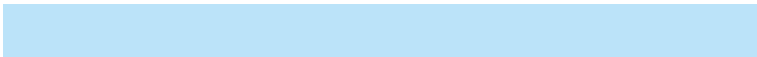
Harmonies

Analogous

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



62.2737, 72.3425, 91.0221



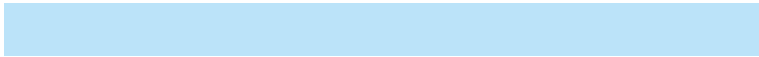
65.0615, 72.3425, 100.1569



68.9373, 72.3425, 103.4238

Triad

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



65.0615, 72.3425, 100.1569



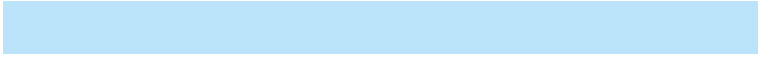
76.9014, 72.3425, 78.2608



64.7653, 72.3425, 61.0939

Complementary

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



65.0615, 72.3425, 100.1569



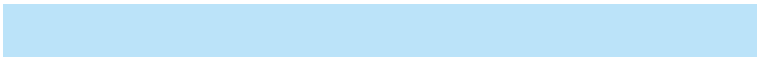
70.8379, 69.3290, 56.6638

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.



68.5818, 72.3425, 58.3807



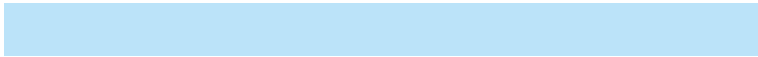
65.0615, 72.3425, 100.1569



75.6804, 72.3425, 67.6675

Square

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



65.0615, 72.3425, 100.1569



75.8701, 72.3425, 90.0547



72.5948, 72.3425, 60.6652



62.1075, 72.3425, 68.4674

Rectangle

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



65.0615, 72.3425, 100.1569



71.6474, 72.3425, 101.6022



72.5948, 72.3425, 60.6652



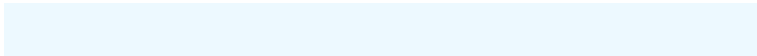
65.9500, 72.3425, 59.6413

Sweetspot

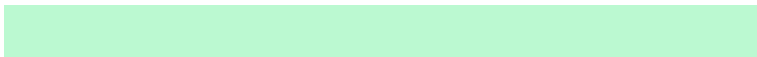
The Sweet Spot groups the original color and five complimentary colors.



65.0637, 72.3454, 100.1586



86.7979, 92.7959, 107.9444



65.8422, 82.9062, 72.6609



18.4327, 19.7336, 23.0874



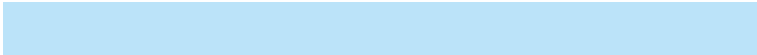
0.0000, 0.0000, 0.0000



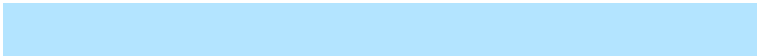
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0637, 72.3454, 100.1586



64.2293, 72.1528, 105.1494



57.4017, 57.0215, 97.6046



17.2174, 18.5116, 22.0509



16.0815, 17.5186, 50.5074



1.5893, 1.8223, 4.7111

Inverse Universe

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



70.7042, 61.2283, 80.7680



71.2439, 58.8937, 80.9079



79.1098, 85.8727, 59.4210



17.7163, 17.4139, 20.3616



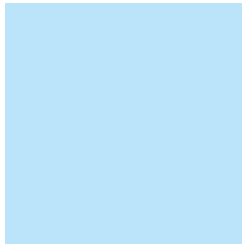
24.4092, 12.1794, 19.3953



2.3111, 1.1482, 2.0618

Previews

White Background



This preview shows how the XYZ color 65.0615, 72.3425, 100.1569 looks on a white background.

Color Contrast Check

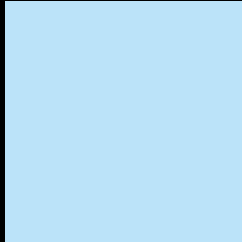
Large Text (above 18pt) WCAG AA × Fail

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 65.0615, 72.3425, 100.1569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

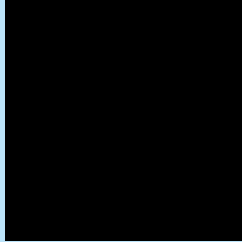
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0615, 72.3425, 100.1569

Background



This preview shows how black text looks on a background with the XYZ color 65.0615, 72.3425, 100.1569.



This preview shows how white text looks on a background with the XYZ color 65.0615, 72.3425,

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

65.0615, 72.3425, 100.1569

Protanopia

70.5741, 72.1001, 95.7850

Deuteranopia

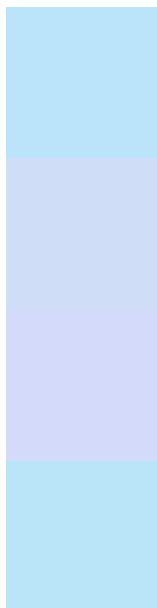
73.3916, 71.8968, 101.2761



Tritanopia

64.6277, 72.5797, 97.7918

Trichromacy



Original Color

65.0615, 72.3425, 100.1569

Protanomaly

68.4880, 72.1618, 97.5077

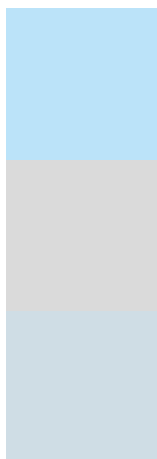
Deuteranomaly

69.7382, 71.5622, 100.5798

Tritanomaly

64.7816, 72.6413, 98.6025

Monochromacy



Original Color

65.0615, 72.3425, 100.1569

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.7314, 70.6354, 84.2983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0615, 72.3425, 100.1569 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(187, 227, 249)` looks like.

```
.text, #text, p{  
    color:rgb(187, 227, 249)  
}
```

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(187, 227, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 227, 249) }
```

Border

The CSS property to change the border of an element to XYZ 65.0615, 72.3425, 100.1569 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(187, 227, 249) }
```


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

```
.border{ border-color:rgb(187, 227, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 227, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 227, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 227, 249);  
box-shadow:4px 4px 4px 4px rgb(187, 227,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0615, 72.3425, 100.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 227, 249) }
```

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

```
.background{ background-color: rgb(187,  
227, 249) }
```

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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