

Converting Colors

XYZ(66.0516, 71.2036,
104.8701)

Have a look what the booklet for
XYZ(66.0516, 71.2036, 104.8701)
contains.

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Color

**XYZ(65.9235, 71.0717,
104.8514)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BFDFFF</code>
RGB	<code>191, 223, 255</code>
RGB Percent	<code>75%, 87%, 100%</code>
CMY	<code>0.2510, 0.1255, 0.0000</code>
CMYK	<code>0.25, 0.13, 0.00, 0.00</code>
HSL	<code>210°, 100%, 87%</code>
HSV	<code>210°, 25%, 100%</code>
XYZ	<code>65.9235, 71.0717, 104.8514</code>
YIQ	<code>217.0800, -29.3440, 3.1680</code>

Conversions

Conversions Part 2

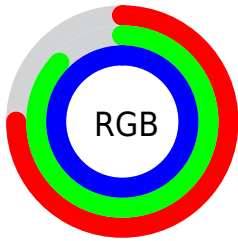
Format	Color
RYB	191, 212, 255
Decimal	12574719
CIELab	87.52, -3.61, -19.02
CIELCh	88, 19.358, 259.241
Yxy	71.0717, 0.2726, 0.2939
Android (android.graphics.Color)	4290764799 (0xFFBFDFFF)
YUV	217.0800, 18.6946, -22.8722
Hunter-Lab	84.3040, -7.9498, -14.7279

Details

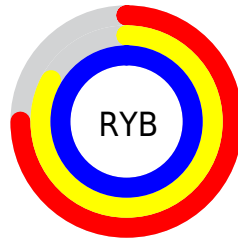
The XYZ color **65.9235, 71.0717, 104.8514** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.0316, 77.7963, 60.2481**, and the grayscale version is **65.9001, 69.3320, 75.5026**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **34.3490, 37.3167, 58.8185** is the 20% darker color. If you saturate the color by 10%, you get **56.7816, 61.4929, 103.4843**, and if you desaturate by 10%, it is **76.4422, 81.7446, 106.3571**.

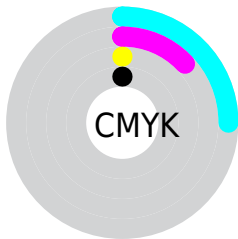
Distribution



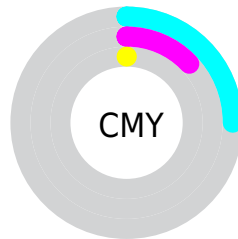
- Red (75%)
- Green (87%)
- Blue (100%)



- Red (75%)
- Yellow (83%)
- Blue (100%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9235, 71.0717, 104.8514 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 65.9235, 71.0717, 104.8514 by changing the saturation by 10% instead.

■ 65.9235, 71.0717,
104.8514

■ 65.9235, 71.0717,
104.8514

435.5962,
464.3040, 597.0163

■ 48.4778, 52.4007,
79.7189

■ 112.4349,
120.7358, 169.9181

■ 34.4182, 37.3246,
58.9623

142.2312,
152.4977, 210.6894

■ 23.3795, 25.4589,
42.1629

176.8752,
189.3921, 257.5107

■ 14.9962, 16.4193,
28.9024

216.7321,
231.8032, 310.8005

■ 8.9030, 9.8213,
18.7620

262.1673,
280.1156, 370.9775

■ 4.7346, 5.2807,
11.3234

313.5461,

■ 2.1255, 2.4129,

334.7136, 438.4600

6.1679

371.2340,
395.9816, 513.6668

■ 0.7030, 0.8325,
2.8770

■ 0.0000, 0.0000,
1.0322

■ 65.9235, 71.0717,
104.8514

■ 65.9235, 71.0717,
104.8514

■ 56.7816, 61.4929,
103.4843

■ 76.4422, 81.7446,
106.3571

■ 48.9472, 52.9588,
102.2500

■ 88.3909, 93.5417,
108.0044

■ 42.3534, 45.4280,
101.1440

95.0500, 100.0000,
108.9000

■ 36.9244, 38.8525,
100.1609

■ 32.5751, 33.1793,
99.2951

■ 29.2073, 28.3479,
98.5400

■ 26.7011, 24.2865,
97.8882

■ 25.7056, 22.5313,
97.6019

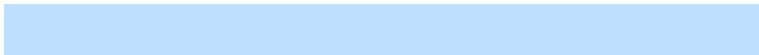
Harmonies

Analogous

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



61.9725, 71.0717, 98.0674



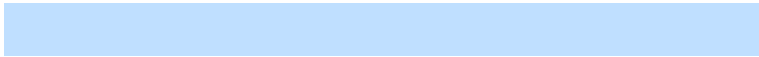
65.9235, 71.0717, 104.8514



70.4905, 71.0717, 103.6756

Triad

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



65.9235, 71.0717, 104.8514



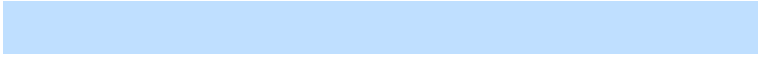
76.1970, 71.0717, 69.3803



61.1084, 71.0717, 62.0824

Complementary

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



65.9235, 71.0717, 104.8514



77.0316, 77.7963, 60.2481

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.



64.6954, 71.0717, 55.9632



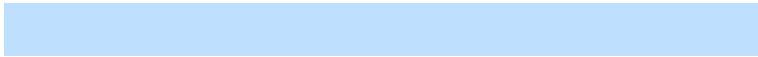
65.9235, 71.0717, 104.8514



73.4557, 71.0717, 59.8364

Square

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



65.9235, 71.0717, 104.8514



76.5623, 71.0717, 82.1813



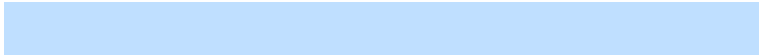
69.2061, 71.0717, 55.1902



59.2770, 71.0717, 72.7790

Rectangle

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



65.9235, 71.0717, 104.8514



73.2672, 71.0717, 98.5704



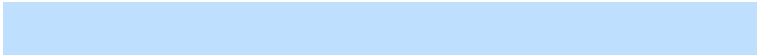
69.2061, 71.0717, 55.1902



62.1411, 71.0717, 59.4759

Sweetspot

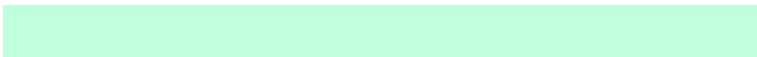
The Sweet Spot groups the original color and five complimentary colors.



65.9255, 71.0745, 104.8518



84.7712, 89.9986, 107.5113



70.4227, 87.8672, 82.3099



17.7535, 18.8786, 22.9582



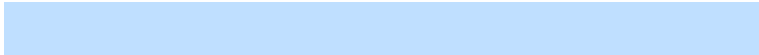
0.0000, 0.0000, 0.0000



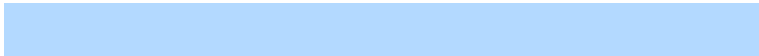
20.3446, 21.4041, 23.3091

Same Dimension

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



65.9255, 71.0745, 104.8518



61.2744, 66.2430, 104.1644



58.4015, 56.0266, 102.3439



17.7535, 18.8786, 22.9582



13.5810, 12.0717, 51.0489



1.4315, 1.3938, 5.0068

Inverse Universe

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



73.1913, 63.8509, 78.2820



69.7524, 58.2971, 73.0538



86.0650, 95.8631, 63.2592



18.3882, 18.1386, 20.6615



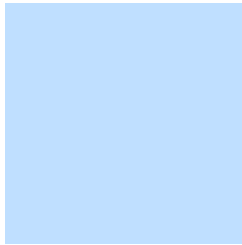
23.6433, 11.9466, 12.0379



2.3572, 1.1852, 1.4624

Previews

White Background



This preview shows how the XYZ color 65.9235, 71.0717, 104.8514 looks on a white background.

Color Contrast Check

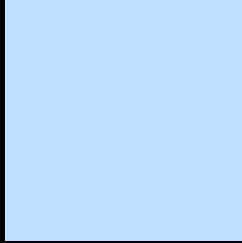
Large Text (above 18pt) WCAG AA × Fail

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 65.9235, 71.0717, 104.8514 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

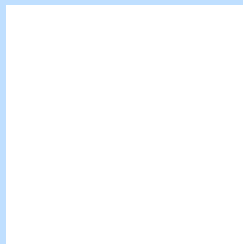
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9235, 71.0717, 104.8514

Background



This preview shows how black text looks on a background with the XYZ color 65.9235, 71.0717, 104.8514.



This preview shows how white text looks on a background with the XYZ color 65.9235, 71.0717,

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

65.9235, 71.0717, 104.8514

Protanopia

69.6660, 70.7369, 101.2486

Deuteranopia

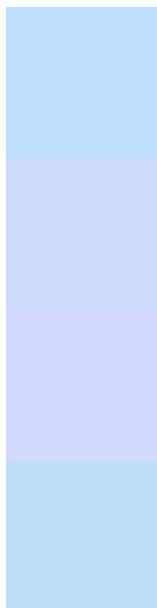
72.2208, 70.8427, 104.4753



Tritanopia

64.0891, 71.1403, 95.1476

Trichromacy



Original Color

65.9235, 71.0717, 104.8514

Protanomaly

68.0790, 70.6704, 102.1481

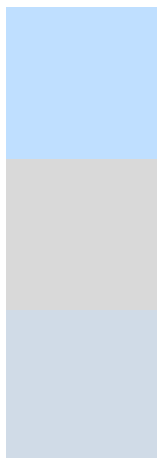
Deuteranomaly

69.7268, 70.6946, 104.5782

Tritanomaly

64.6794, 70.9739, 98.2860

Monochromacy



Original Color

65.9235, 71.0717, 104.8514

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.7677, 69.8425, 85.6159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9235, 71.0717, 104.8514 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, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 223, 255)  
}
```

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, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.9235, 71.0717, 104.8514 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, 223, 255) }
```


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

```
.border{ border-color:rgb(191, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 223, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 223, 255); box-shadow:4px 4px 4px 4px rgb(191, 223, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9235, 71.0717, 104.8514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 223, 255) }
```

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

```
.background{ background-color: rgb(191,  
223, 255) }
```

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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