

Converting Colors

XYZ(66.8573, 71.7576,
110.4414)

Have a look what the booklet for
XYZ(66.8573, 71.7576, 110.4414)
contains.

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Color

**XYZ(65.9409, 71.4785,
104.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE0FF
RGB	190, 224, 255
RGB Percent	75%, 88%, 100%
CMY	0.2549, 0.1216, 0.0000
CMYK	0.25, 0.12, 0.00, 0.00
HSL	209°, 100%, 87%
HSV	209°, 25%, 100%
XYZ	65.9409, 71.4785, 104.9290
YIQ	217.3680, -30.2150, 2.4330

Conversions

Conversions Part 2

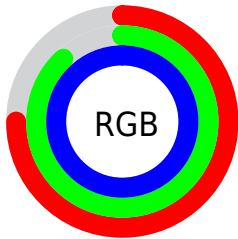
Format	Color
R_{YB}	190, 212, 255
Decimal	12509439
CIE _{Lab}	87.72, -4.42, -18.73
CIE _{LCh}	88, 19.242, 256.707
Yxy	71.4785, 0.2721, 0.2949
Android (android.graphics.Color)	4290699519 (0xFFBEE0FF)
YUV	217.3680, 18.5526, -24.0017
Hunter-Lab	84.5450, -8.7325, -14.4035

Details

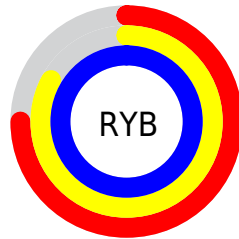
The XYZ color **65.9409, 71.4785, 104.9290** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.3907, 76.6901, 59.4935**, and the grayscale version is **66.0990, 69.5413, 75.7304**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **34.3727, 37.6040, 58.8728** is the 20% darker color. If you saturate the color by 10%, you get **56.9684, 62.1752, 103.6062**, and if you desaturate by 10%, it is **76.2653, 81.8293, 106.3828**.

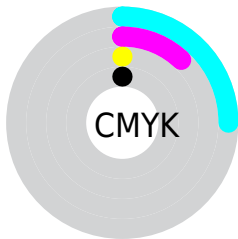
Distribution



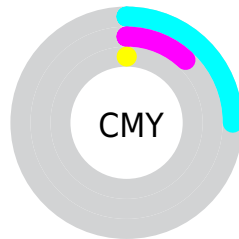
- Red (75%)
- Green (88%)
- Blue (100%)



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



- Cyan (25%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9409, 71.4785, 104.9290 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 65.9409, 71.4785, 104.9290 by changing the saturation by 10% instead.

65.9409, 71.4785,
104.9290

65.9409, 71.4785,
104.9290

435.6575,
465.7244, 597.2637

48.4920, 52.7328,
79.7836

112.4597,
121.3148, 170.0252

34.4295, 37.5895,
59.0151

142.2603,
153.1742, 210.8129

23.3882, 25.6642,
42.2052

176.9088,
190.1736, 257.6519

15.0027, 16.5726,
28.9352

216.7705,
232.6973, 310.9606

8.9076, 9.9303,
18.7867

262.2109,
281.1299, 371.1576

4.7376, 5.3527,
11.3410

313.5953,

2.1273, 2.4557,

335.8557, 438.6614

6.1796

371.2890,
397.2591, 513.8906

■ 0.7040, 0.8543,
2.8841

■ 0.0000, 0.0000,
1.0357

■ 65.9409, 71.4785,
104.9290

■ 65.9409, 71.4785,
104.9290

■ 56.9684, 62.1752,
103.6062

■ 76.2653, 81.8293,
106.3828

■ 49.2791, 53.8714,
102.4087

■ 87.9942, 93.2563,
107.9702

■ 42.8065, 46.5273,
101.3323

95.0500, 100.0000,
108.9000

■ 37.4755, 40.0963,
100.3719

■ 33.2015, 34.5268,
99.5222

■ 29.8865, 29.7602,
98.7768

■ 27.4103, 25.7256,
98.1286

■ 26.4919, 24.1037,
97.8640

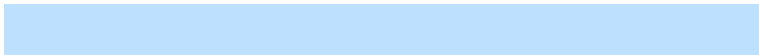
Harmonies

Analogous

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



62.0983, 71.4785, 97.5843



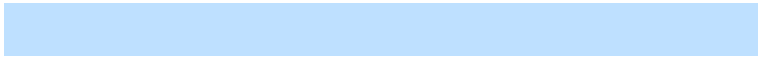
65.9409, 71.4785, 104.9290



70.4914, 71.4785, 104.4570

Triad

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



65.9409, 71.4785, 104.9290



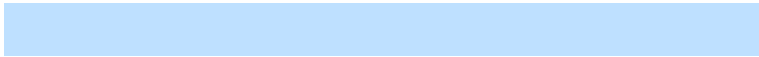
76.6917, 71.4785, 70.8265



61.7509, 71.4785, 61.8394

Complementary

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



65.9409, 71.4785, 104.9290



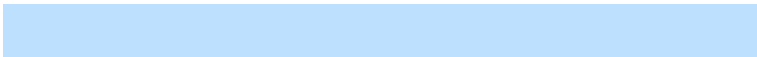
76.3907, 76.6901, 59.4935

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.



65.4474, 71.4785, 56.1591



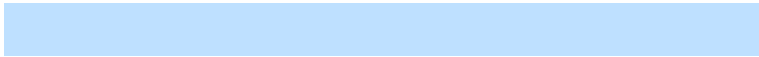
65.9409, 71.4785, 104.9290



74.1332, 71.4785, 60.9360

Square

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



65.9409, 71.4785, 104.9290



76.8384, 71.4785, 83.7491



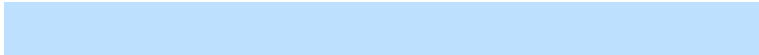
69.9754, 71.4785, 55.8480



59.7532, 71.4785, 72.1927

Rectangle

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



65.9409, 71.4785, 104.9290



73.3178, 71.4785, 99.7579



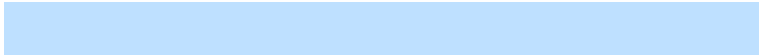
69.9754, 71.4785, 55.8480



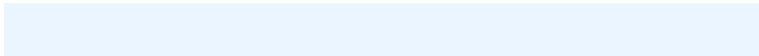
62.8283, 71.4785, 59.3733

Sweetspot

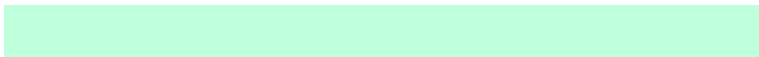
The Sweet Spot groups the original color and five complimentary colors.



65.9429, 71.4813, 104.9294



84.9137, 90.2835, 107.5588



69.9587, 87.6526, 81.1745



17.7893, 18.9503, 22.9701



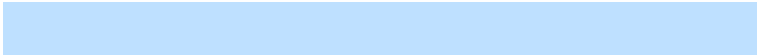
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



65.9429, 71.4813, 104.9294



60.8342, 66.2262, 104.1844



58.1730, 55.9415, 102.3395



17.7893, 18.9503, 22.9701



13.9932, 12.8960, 51.1862



1.4719, 1.4745, 5.0203

Inverse Universe

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



73.1093, 63.4704, 78.9219



69.3193, 57.3166, 73.2620



85.6073, 95.1233, 62.5657



18.4063, 18.1458, 20.7568



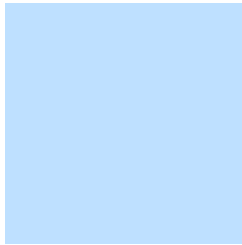
23.8513, 12.0298, 13.1334



2.3776, 1.1934, 1.5696

Previews

White Background



This preview shows how the XYZ color 65.9409, 71.4785, 104.9290 looks on a white background.

Color Contrast Check

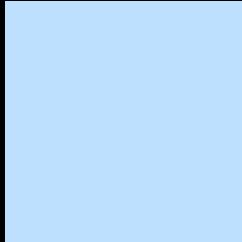
Large Text (above 18pt) WCAG AA × Fail

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 65.9409, 71.4785, 104.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

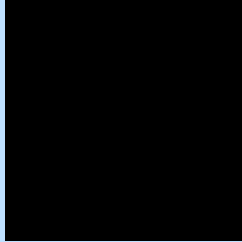
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

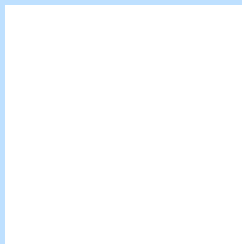
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9409, 71.4785, 104.9290

Background



This preview shows how black text looks on a background with the XYZ color 65.9409, 71.4785, 104.9290.

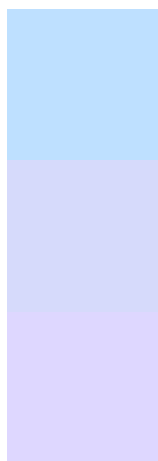


This preview shows how white text looks on a background with the XYZ color 65.9409, 71.4785,

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

65.9409, 71.4785, 104.9290

Protanopia

70.2155, 71.4040, 101.3484

Deuteranopia

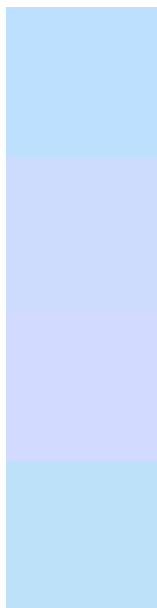
72.4746, 71.3505, 104.5599



Tritanopia

64.2645, 71.6157, 96.0241

Trichromacy



Original Color

65.9409, 71.4785, 104.9290

Protanomaly

68.3407, 71.1938, 102.2353

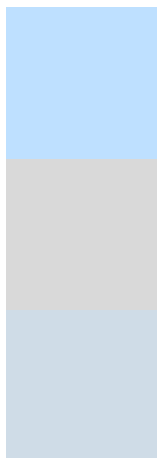
Deuteranomaly

69.6997, 71.0644, 104.6510

Tritanomaly

64.8548, 71.4466, 99.1793

Monochromacy



Original Color

65.9409, 71.4785, 104.9290

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.7491, 70.2213, 85.6900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9409, 71.4785, 104.9290 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(190, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 224, 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(190, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.9409, 71.4785, 104.9290 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(190, 224, 255) }
```


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

```
.border{ border-color:rgb(190, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 224, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 224, 255); box-shadow:4px 4px 4px 4px rgb(190, 224, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9409, 71.4785, 104.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 224, 255) }
```

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

```
.background{ background-color: rgb(190,  
224, 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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