

Converting Colors

XYZ(74.0001, 74.6767,
145.8162)

Have a look what the booklet for
XYZ(74.0001, 74.6767, 145.8162)
contains.

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Color

**XYZ(66.1915, 71.6077,
104.9407)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | <code>BFE0FF</code> |
| RGB | 191, 224, 255 |
| RGB Percent | 75%, 88%, 100% |
| CMY | 0.2510, 0.1216, 0.0000 |
| CMYK | 0.25, 0.12, 0.00, 0.00 |
| HSL | 209°, 100%, 87% |
| HSV | 209°, 25%, 100% |
| XYZ | 66.1915, 71.6077, 104.9407 |
| YIQ | 217.6670, -29.6190, 2.6450 |

Conversions

Conversions Part 2

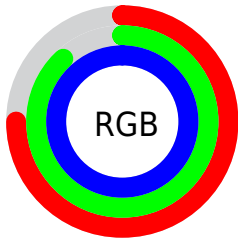
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 191, 213, 255 |
| Decimal | 12574975 |
| CIE Lab | 87.78, -4.13, -18.63 |
| CIE LCh | 88, 19.080, 257.487 |
| Yxy | 71.6077, 0.2727, 0.2950 |
| Android (android.graphics.Color) | 4290765055 (0xFFBFE0FF) |
| YUV | 217.6670, 18.4052, -23.3870 |
| Hunter-Lab | 84.6213, -8.4632, -14.2918 |

Details

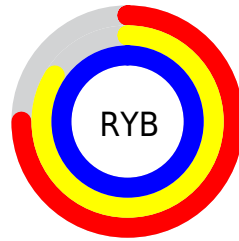
The XYZ color **66.1915, 71.6077, 104.9407** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.7652, 77.2635, 60.1593**, and the grayscale version is **66.3049, 69.7579, 75.9664**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **34.5344, 37.6874, 58.8803** is the 20% darker color. If you saturate the color by 10%, you get **57.1290, 62.1876, 103.6001**, and if you desaturate by 10%, it is **76.6155, 82.0911, 106.4148**.

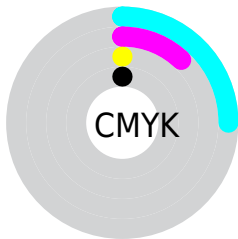
Distribution



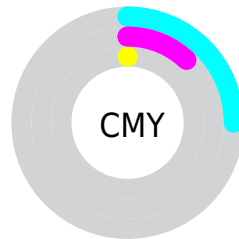
- Red (75%)
- Green (88%)
- Blue (100%)



- Red (75%)
- Yellow (84%)
- 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 66.1915, 71.6077, 104.9407 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 66.1915, 71.6077, 104.9407 by changing the saturation by 10% instead.

■ 66.1915, 71.6077,
104.9407

■ 66.1915, 71.6077,
104.9407

436.5393,
466.1750, 597.3010

■ 48.6962, 52.8383,
79.7933

■ 112.8173,
121.4986, 170.0413

■ 34.5921, 37.6737,
59.0231

142.6786,
153.3889, 210.8316

■ 23.5138, 25.7295,
42.2116

177.3924,
190.4216, 257.6732

■ 15.0962, 16.6214,
28.9402

217.3243,
232.9811, 310.9848

■ 8.9737, 9.9649,
18.7904

262.8396,
281.4518, 371.1848

■ 4.7810, 5.3757,
11.3436

314.3036,

■ 2.1528, 2.4693,

336.2181, 438.6918

6.1814

372.0817,
397.6643, 513.9243

■ 0.7177, 0.8612,
2.8851

■ 0.0000, 0.0000,
1.0363

■ 66.1915, 71.6077,
104.9407

■ 66.1915, 71.6077,
104.9407

■ 57.1290, 62.1876,
103.6001

■ 76.6155, 82.0911,
106.4148

■ 49.3591, 53.7825,
102.3873

■ 88.4536, 93.6670,
108.0253

■ 42.8155, 46.3522,
101.2980

95.0500, 100.0000,
108.9000

■ 37.4230, 39.8497,
100.3271

■ 33.0971, 34.2232,
99.4691

■ 29.7402, 29.4137,
98.7177

■ 27.2331, 25.3505,
98.0655

■ 26.2332, 23.5863,
97.7777

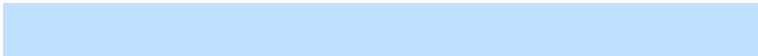
Harmonies

Analogous

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



62.3439, 71.6077, 97.8369



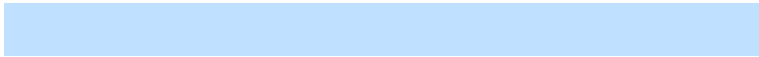
66.1915, 71.6077, 104.9407



70.7116, 71.6077, 104.2592

Triad

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



66.1915, 71.6077, 104.9407



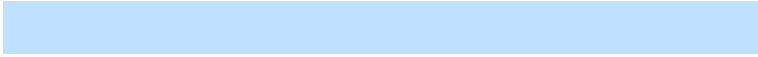
76.7099, 71.6077, 70.7113



61.8411, 71.6077, 62.2994

Complementary

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



66.1915, 71.6077, 104.9407



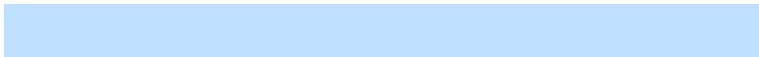
76.7652, 77.2635, 60.1593

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.



65.4774, 71.6077, 56.5169



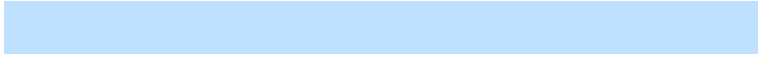
66.1915, 71.6077, 104.9407



74.1173, 71.6077, 60.9906

Square

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



66.1915, 71.6077, 104.9407



76.9220, 71.6077, 83.4982



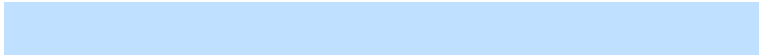
69.9653, 71.6077, 56.0660



59.9080, 71.6077, 72.6887

Rectangle

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



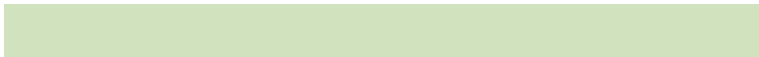
66.1915, 71.6077, 104.9407



73.4999, 71.6077, 99.4814



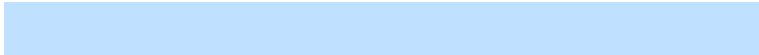
69.9653, 71.6077, 56.0660



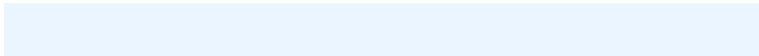
62.8972, 71.6077, 59.8049

Sweetspot

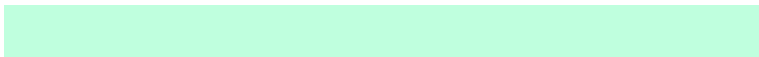
The Sweet Spot groups the original color and five complimentary colors.



66.1935, 71.6105, 104.9412



84.8677, 90.1914, 107.5434



70.4227, 87.8672, 82.3099



17.7778, 18.9271, 22.9663



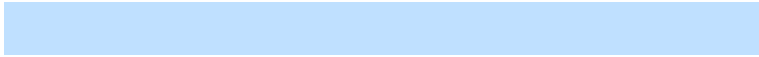
0.0000, 0.0000, 0.0000



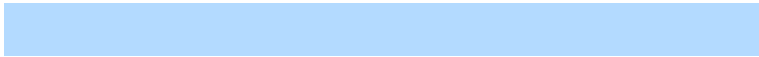
20.3446, 21.4041, 23.3091

Same Dimension

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



66.1935, 71.6105, 104.9412



61.5832, 66.8606, 104.2673



58.4015, 56.0266, 102.3439



17.7778, 18.9271, 22.9663



13.8577, 12.6249, 51.1411



1.4587, 1.4481, 5.0159

Inverse Universe

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



73.3266, 63.9050, 78.9944



69.9083, 58.3594, 73.8746



86.0650, 95.8631, 63.2593



18.4005, 18.1435, 20.7260



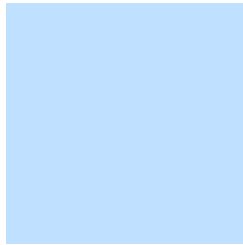
23.7829, 12.0025, 12.7732



2.3709, 1.1907, 1.5345

Previews

White Background



This preview shows how the XYZ color 66.1915, 71.6077, 104.9407 looks on a white background.

Color Contrast Check

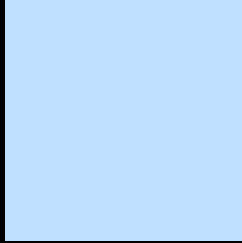
Large Text (above 18pt) WCAG AA × Fail

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 66.1915, 71.6077, 104.9407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

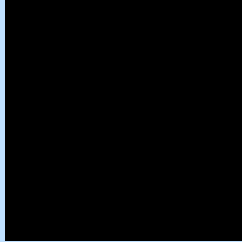
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

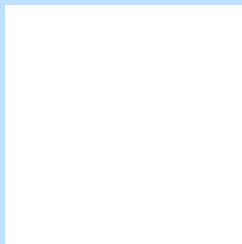
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1915, 71.6077, 104.9407

Background



This preview shows how black text looks on a background with the XYZ color 66.1915, 71.6077, 104.9407.



This preview shows how white text looks on a background with the XYZ color 66.1915, 71.6077,

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

66.1915, 71.6077, 104.9407

Protanopia

70.2155, 71.4040, 101.3484

Deuteranopia

72.7819, 71.5089, 104.5743



Tritanopia

64.5118, 71.7432, 96.0356

Trichromacy



Original Color

66.1915, 71.6077, 104.9407

Protanomaly

68.6175, 71.3365, 102.2483

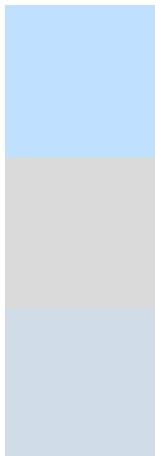
Deuteranomaly

69.9854, 71.2117, 104.6643

Tritanomaly

65.1037, 71.5749, 99.1909

Monochromacy



Original Color

66.1915, 71.6077, 104.9407

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.0294, 70.3658, 85.7031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1915, 71.6077, 104.9407 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.1915, 71.6077, 104.9407 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, 255) }
```


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

```
.border{ border-color:rgb(191, 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(191, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 224, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 224, 255); box-shadow:4px 4px 4px 4px rgb(191, 224, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1915, 71.6077, 104.9407 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, 255) }
```

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

```
.background{ background-color: rgb(191,  
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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