

Converting Colors

XYZ(64.4697, 71.4563,
104.9921)

Have a look what the booklet for
XYZ(64.4697, 71.4563, 104.9921)
contains.

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Color

**XYZ(64.5378, 71.5578,
105.0183)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E2FF
RGB	182, 226, 255
RGB Percent	71%, 89%, 100%
CMY	0.2863, 0.1137, 0.0000
CMYK	0.29, 0.11, 0.00, 0.00
HSL	204°, 100%, 86%
HSV	204°, 29%, 100%
XYZ	64.5378, 71.5578, 105.0183
YIQ	216.1500, -35.5330, -0.3090

Conversions

Conversions Part 2

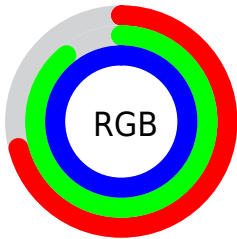
Format	Color
RYB	182, 209, 255
Decimal	11985663
CIELab	87.76, -7.75, -18.72
CIELCh	88, 20.258, 247.502
Yxy	71.5578, 0.2677, 0.2968
Android (android.graphics.Color)	4290175743 (0xFFB6E2FF)
YUV	216.1500, 19.1530, -29.9496
Hunter-Lab	84.5918, -11.8524, -14.3925

Details

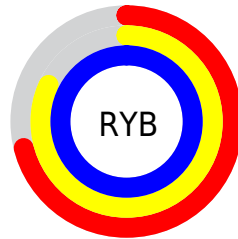
The XYZ color **64.5378, 71.5578, 105.0183** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.9780, 71.2257, 54.1595**, and the grayscale version is **65.2651, 68.6639, 74.7750**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **33.5083, 37.7151, 58.9397** is the 20% darker color. If you saturate the color by 10%, you get **56.3818, 63.3860, 103.8708**, and if you desaturate by 10%, it is **73.9569, 80.6258, 106.2721**.

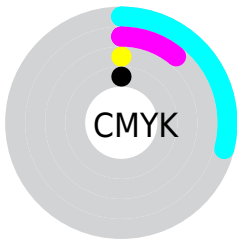
Distribution



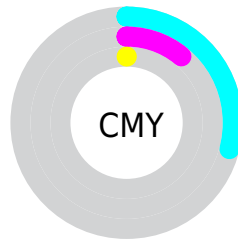
- Red (71%)
- Green (89%)
- Blue (100%)



- Red (71%)
- Yellow (82%)
- Blue (100%)



- Cyan (29%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5378, 71.5578, 105.0183 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 64.5378, 71.5578, 105.0183 by changing the saturation by 10% instead.

■ 64.5378, 71.5578,
105.0183

■ 64.5378, 71.5578,
105.0183

430.7007,
466.0010, 597.5483

■ 47.3497, 52.7975,
79.8579

■ 110.4545,
121.4276, 170.1483

■ 33.5213, 37.6412,
59.0760

139.9138,
153.3060, 210.9551

■ 22.6872, 25.7043,
42.2539

174.1943,
190.3258, 257.8144

■ 14.4822, 16.6026,
28.9731

213.6612,
232.8715, 311.1449

■ 8.5407, 9.9515,
18.8151

258.6799,
281.3275, 371.3649

■ 4.4975, 5.3668,
11.3613

309.6158,

■ 1.9873, 2.4641,

336.0781, 438.8932

6.1932

366.8343,
397.5078, 514.1481

■ 0.6268, 0.8586,
2.8922

■ 0.0000, 0.0000,
1.0399

■ 64.5378, 71.5578,
105.0183

■ 64.5378, 71.5578,
105.0183

■ 56.3818, 63.3860,
103.8708

■ 73.9569, 80.6258,
106.2721

■ 49.4208, 56.0660,
102.8248

■ 84.6911, 90.6156,
107.6346

■ 43.5886, 49.5611,
101.8766

95.0500, 100.0000,
108.9000

■ 38.8097, 43.8280,
101.0219

■ 34.9984, 38.8180,
100.2558

■ 32.0534, 34.4744,
99.5726

■ 29.8319, 30.7187,
98.9647

■ 29.5576, 30.2351,
98.8859

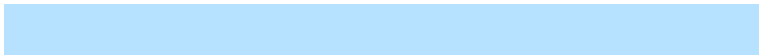
Harmonies

Analogous

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



60.9414, 71.5578, 95.1660



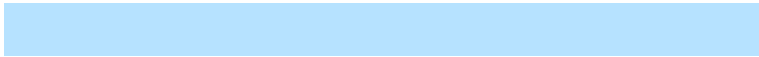
64.5378, 71.5578, 105.0183



69.2275, 71.5578, 107.2151

Triad

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



64.5378, 71.5578, 105.0183



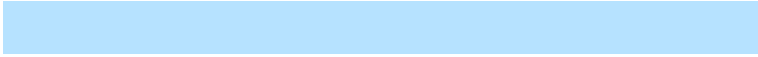
77.5949, 71.5578, 74.5089



62.5404, 71.5578, 58.7446

Complementary

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



64.5378, 71.5578, 105.0183



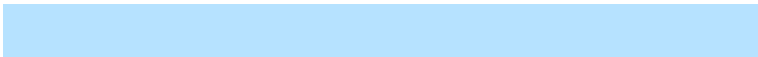
72.9780, 71.2257, 54.1595

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.



66.8139, 71.5578, 54.5067



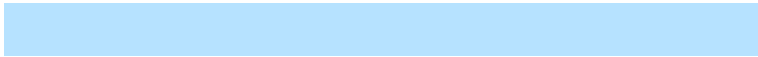
64.5378, 71.5578, 105.0183



75.6127, 71.5578, 62.8847

Square

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



64.5378, 71.5578, 105.0183



76.9152, 71.5578, 88.4883



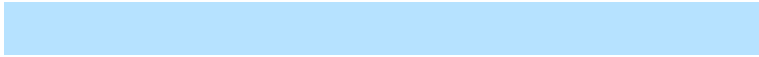
71.6119, 71.5578, 55.9278



59.8266, 71.5578, 68.2180

Rectangle

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



64.5378, 71.5578, 105.0183



72.3716, 71.5578, 103.8308



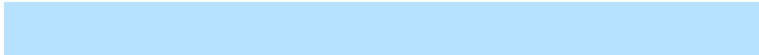
71.6119, 71.5578, 55.9278



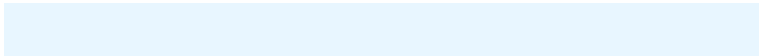
63.8340, 71.5578, 56.7146

Sweetspot

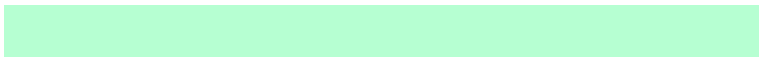
The Sweet Spot groups the original color and five complimentary colors.



64.5398, 71.5606, 105.0187



84.2654, 90.2250, 107.5817



66.6833, 86.1179, 74.0712



17.6856, 18.9893, 22.9831



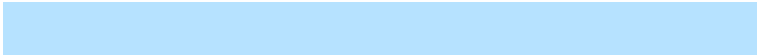
0.0000, 0.0000, 0.0000



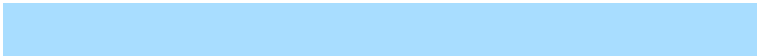
20.3446, 21.4041, 23.3091

Same Dimension

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



64.5398, 71.5606, 105.0187



60.0031, 67.0591, 104.3890



55.8685, 54.2180, 102.1283



17.9140, 19.1995, 23.0117



15.5944, 16.0984, 51.7200



1.6252, 1.7810, 5.0714

Inverse Universe

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



71.6967, 60.2086, 79.7972



68.2908, 54.5732, 75.0347



82.7870, 90.8438, 57.4292



18.4692, 18.1710, 21.0880



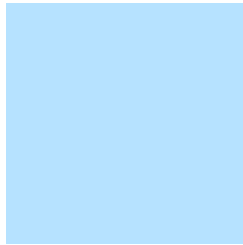
24.6595, 12.3531, 17.3894



2.4549, 1.2243, 1.9770

Previews

White Background



This preview shows how the XYZ color 64.5378, 71.5578, 105.0183 looks on a white background.

Color Contrast Check

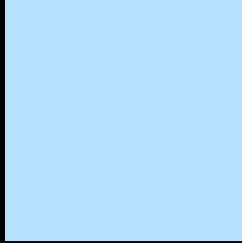
Large Text (above 18pt) WCAG AA × Fail

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 64.5378, 71.5578, 105.0183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

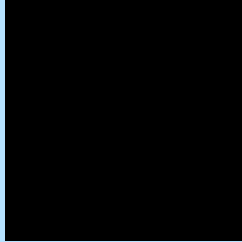
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

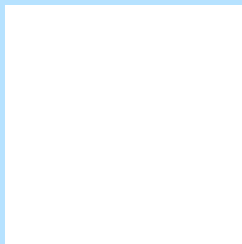
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5378, 71.5578, 105.0183

Background



This preview shows how black text looks on a background with the XYZ color 64.5378, 71.5578, 105.0183.



This preview shows how white text looks on a background with the XYZ color 64.5378, 71.5578,

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

64.5378, 71.5578, 105.0183

Protanopia

70.0583, 71.3411, 100.5202

Deuteranopia

72.4746, 71.3505, 104.5599



Tritanopia

63.2003, 71.8439, 97.7250

Trichromacy



Original Color

64.5378, 71.5578, 105.0183

Protanomaly

67.7843, 71.2977, 102.2847

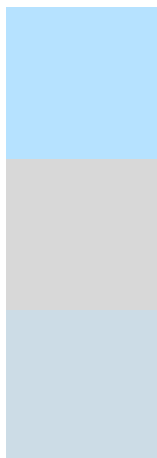
Deuteranomaly

69.1136, 71.1484, 104.6981

Tritanomaly

63.6240, 71.6015, 100.0897

Monochromacy



Original Color

64.5378, 71.5578, 105.0183

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.7780, 69.7369, 84.9093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5378, 71.5578, 105.0183 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(182, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 226, 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(182, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.5378, 71.5578, 105.0183 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(182, 226, 255) }
```


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

```
.border{ border-color:rgb(182, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5378, 71.5578, 105.0183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 226, 255) }
```

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

```
.background{ background-color: rgb(182,  
226, 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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