

Converting Colors

XYZ(66.4201, 76.2757,
104.9879)

Have a look what the booklet for
XYZ(66.4201, 76.2757, 104.9879)
contains.

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Color

**XYZ(66.4201, 76.2757,
104.9879)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B4EBFE |
| RGB | 180, 235, 254 |
| RGB Percent | 71%, 92%, 100% |
| CMY | 0.2941, 0.0784, 0.0039 |
| CMYK | 0.29, 0.07, 0.00, 0.00 |
| HSL | 195°, 97%, 85% |
| HSV | 195°, 29%, 100% |
| XYZ | 66.4201, 76.2757, 104.9879 |
| YIQ | 220.7210, -38.8790, -5.7510 |

Conversions

Conversions Part 2

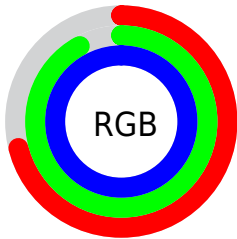
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 180, 212, 254 |
| Decimal | 11856894 |
| CIE Lab | 89.99, -13.14, -14.85 |
| CIE LCh | 90, 19.829, 228.494 |
| Yxy | 76.2757, 0.2682, 0.3080 |
| Android (android.graphics.Color) | 4290046974 (0xFFB4EBFE) |
| YUV | 220.7210, 16.4065, -35.7123 |
| Hunter-Lab | 87.3360, -17.0864, -10.1382 |

Details

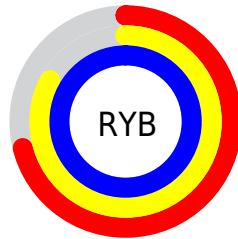
The XYZ color **66.4201, 76.2757, 104.9879** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.5357, 65.2136, 52.1044**, and the grayscale version is **68.4416, 72.0059, 78.4145**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **34.6556, 40.6314, 58.8394** is the 20% darker color. If you saturate the color by 10%, you get **59.2078, 69.8385, 104.1268**, and if you desaturate by 10%, it is **74.7889, 83.4145, 105.9260**.

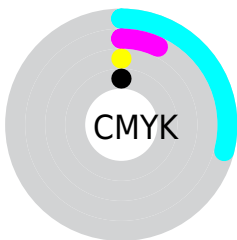
Distribution



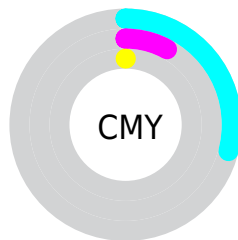
- Red (71%)
- Green (92%)
- Blue (100%)



- Red (71%)
- Yellow (83%)
- Blue (100%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4201, 76.2757, 104.9879 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 66.4201, 76.2757, 104.9879 by changing the saturation by 10% instead.

■ 66.4201, 76.2757,
104.9879

■ 66.4201, 76.2757,
104.9879

437.3428,
482.2909, 597.4514

■ 48.8825, 56.6586,
79.8326

■ 113.1435,
128.1165, 170.1064

■ 34.7404, 40.7312,
59.0553

143.0599,
161.1091, 210.9067

■ 23.6286, 28.1091,
42.2373

177.8334,
199.3289, 257.7591

■ 15.1816, 18.4079,
28.9602

217.8291,
243.1604, 311.0822

■ 9.0340, 11.2433,
18.8054

263.4126,
292.9880, 371.2944

■ 4.8207, 6.2307,
11.3544

314.9492,

■ 2.1761, 2.9859,

349.1960, 438.8143

6.1885

372.8041,
412.1688, 514.0605

■ 0.7301, 1.1244,
2.8894

■ 0.0000, 0.0000,
1.0385

■ 66.4201, 76.2757,
104.9879

■ 66.4201, 76.2757,
104.9879

■ 59.2078, 69.8385,
104.1268

■ 74.7889, 83.4145,
105.9260

■ 53.0852, 64.0617,
103.3345

■ 84.3629, 91.2753,
106.9387

■ 47.9888, 58.9134,
102.6094

94.7516, 99.6598,
108.0095

■ 43.8457, 54.3548,
101.9478

94.8896, 99.9359,
108.0555

■ 40.5725, 50.3419,
101.3458

■ 38.0705, 46.8226,
100.7984

■ 36.1920, 43.7197,
100.2984

■ 36.0428, 43.4621,
100.2566

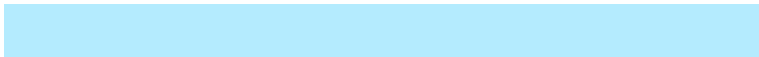
Harmonies

Analogous

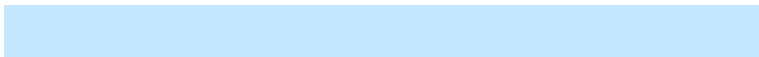
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.9087, 76.2757, 91.9259



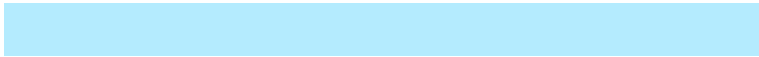
66.4201, 76.2757, 104.9879



70.6311, 76.2757, 112.4604

Triad

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



66.4201, 76.2757, 104.9879



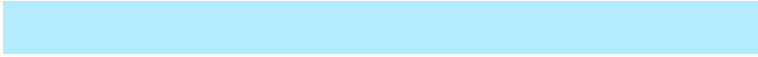
82.1472, 76.2757, 88.5615



69.5443, 76.2757, 59.9598

Complementary

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



66.4201, 76.2757, 104.9879



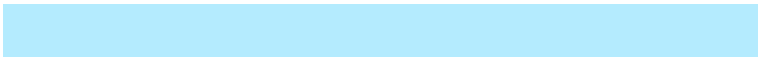
69.5357, 65.2136, 52.1044

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.



74.3971, 76.2757, 59.2760



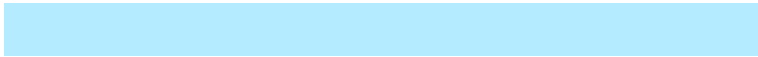
66.4201, 76.2757, 104.9879



81.8239, 76.2757, 74.7670

Square

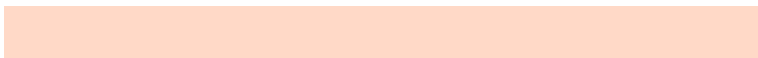
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.4201, 76.2757, 104.9879



79.7996, 76.2757, 102.2869



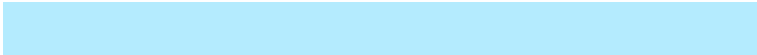
78.9353, 76.2757, 64.4052



65.6555, 76.2757, 66.3924

Rectangle

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



66.4201, 76.2757, 104.9879



73.9011, 76.2757, 112.7627



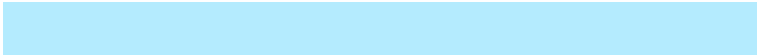
78.9353, 76.2757, 64.4052



71.1123, 76.2757, 59.0791

Sweetspot

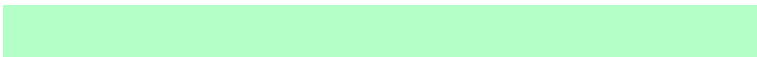
The Sweet Spot groups the original color and five complimentary colors.



66.4224, 76.2787, 104.9897



85.2541, 92.2024, 107.9112



64.5166, 84.6888, 66.6769



17.9298, 19.4778, 23.0645



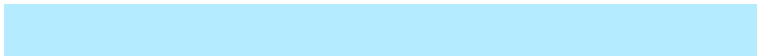
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



66.4224, 76.2787, 104.9897



62.6047, 73.0624, 105.4106



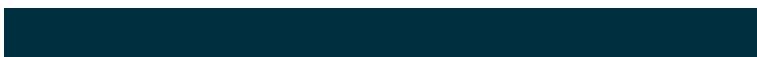
57.0220, 57.4780, 101.8562



18.1369, 19.6455, 23.0860



19.1271, 23.1637, 52.8975



1.9502, 2.4312, 5.1797

Inverse Universe

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



72.1916, 59.7134, 86.3215



69.4087, 54.2728, 83.2265



78.9644, 84.0711, 55.2473



18.5818, 18.2160, 21.6807



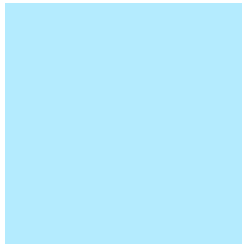
26.4427, 13.0664, 26.7792



2.6190, 1.2900, 2.8411

Previews

White Background



This preview shows how the XYZ color 66.4201, 76.2757, 104.9879 looks on a white background.

Color Contrast Check

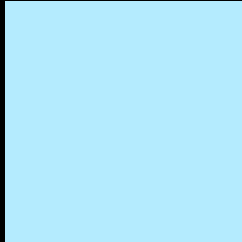
Large Text (above 18pt) WCAG AA × Fail

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 66.4201, 76.2757, 104.9879 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 66.4201, 76.2757, 104.9879

Background



This preview shows how black text looks on a background with the XYZ color 66.4201, 76.2757, 104.9879.

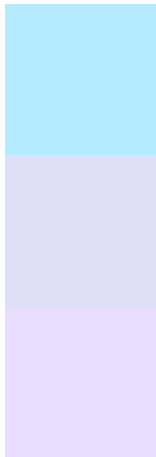


This preview shows how white text looks on a background with the XYZ color 66.4201, 76.2757,

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

66.4201, 76.2757, 104.9879

Protanopia

73.8756, 75.7147, 98.7164

Deuteranopia

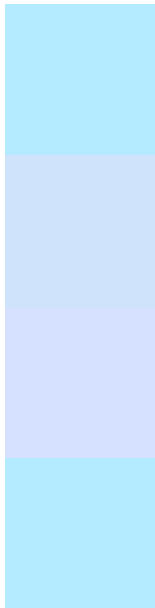
76.9219, 75.5622, 105.1385



Tritanopia

66.4201, 76.2757, 104.9879

Trichromacy



Original Color

66.4201, 76.2757, 104.9879

Protanomaly

70.7308, 75.6543, 101.3173

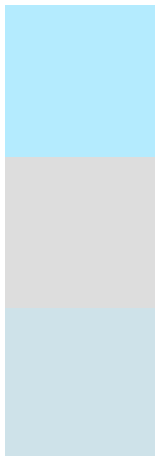
Deuteranomaly

72.4158, 75.2166, 105.3093

Tritanomaly

66.4201, 76.2757, 104.9879

Monochromacy



Original Color

66.4201, 76.2757, 104.9879

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.3579, 73.3977, 87.7078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4201, 76.2757, 104.9879 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(180, 235, 254)` looks like.

```
.text, #text, p{  
    color:rgb(180, 235, 254)  
}
```

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(180, 235, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 235, 254) }
```

Border

The CSS property to change the border of an element to XYZ 66.4201, 76.2757, 104.9879 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(180, 235, 254) }
```


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

```
.border{ border-color:rgb(180, 235, 254) }
```

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

Here you see how a box with a 4 pixel rgb(180, 235, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 235, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 235, 254);  
box-shadow:4px 4px 4px 4px rgb(180, 235,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4201, 76.2757, 104.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 235, 254) }
```

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

```
.background{ background-color: rgb(180,  
235, 254) }
```

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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