

Converting Colors

XYZ(66.6062, 73.7403,
104.1659)

Have a look what the booklet for
XYZ(66.6062, 73.7403, 104.1659)
contains.

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Color

**XYZ(66.6477, 73.8857,
104.5146)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE5FE
RGB	188, 229, 254
RGB Percent	74%, 90%, 100%
CMY	0.2627, 0.1019, 0.0039
CMYK	0.26, 0.10, 0.00, 0.00
HSL	203°, 97%, 87%
HSV	203°, 26%, 100%
XYZ	66.6477, 73.8857, 104.5146
YIQ	219.5910, -32.4610, -0.9170

Conversions

Conversions Part 2

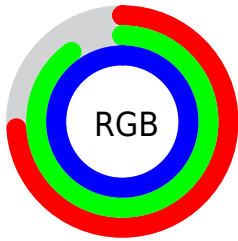
Format	Color
R _{YB}	188, 213, 254
Decimal	12379646
CIE Lab	88.87, -7.81, -16.48
CIE LCh	89, 18.239, 244.639
Yxy	73.8857, 0.2720, 0.3015
Android (android.graphics.Color)	4290569726 (0xFFBCE5FE)
YUV	219.5910, 16.9636, -27.7053
Hunter-Lab	85.9568, -12.0221, -11.9208

Details

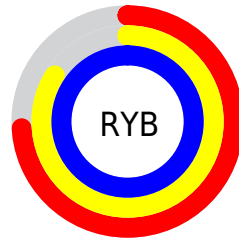
The XYZ color **66.6477, 73.8857, 104.5146** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.7453, 72.2906, 57.6454**, and the grayscale version is **67.6462, 71.1690, 77.5031**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **34.8870, 39.2899, 58.5683** is the 20% darker color. If you saturate the color by 10%, you get **58.3445, 65.7642, 103.3859**, and if you desaturate by 10%, it is **76.2041, 82.8759, 105.7474**.

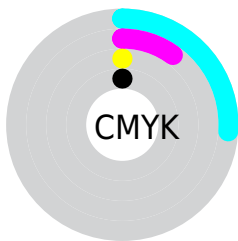
Distribution



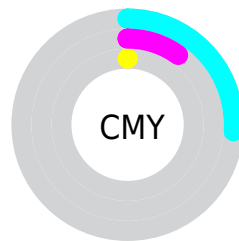
- Red (74%)
- Green (90%)
- Blue (100%)



- Red (74%)
- Yellow (84%)
- Blue (100%)



- Cyan (26%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6477, 73.8857, 104.5146 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 66.6477, 73.8857, 104.5146 by changing the saturation by 10% instead.

■ 66.6477, 73.8857,
104.5146

■ 66.6477, 73.8857,
104.5146

438.1419,
474.0788, 595.9418

■ 49.0680, 54.7005,
79.4384

■ 113.4680,
124.7338, 169.4533

■ 34.8882, 39.1620,
58.7329

143.4394,
157.1654, 210.1530

■ 23.7429, 26.8858,
41.9795

178.2721,
194.7813, 256.8974

■ 15.2667, 17.4874,
28.7598

218.3314,
237.9659, 310.1053

■ 9.0943, 10.5826,
18.6552

263.9826,
287.1036, 370.1952

■ 4.8604, 5.7869,
11.2471

315.5912,

■ 2.1995, 2.7160,

342.5787, 437.5855

6.1170

373.5226,
404.7756, 512.6949

■ 0.7425, 0.9853,
2.8464

■ 0.0000, 0.0000,
1.0168

■ 66.6477, 73.8857,
104.5146

■ 66.6477, 73.8857,
104.5146

■ 58.3445, 65.7642,
103.3859

■ 76.2041, 82.8759,
105.7474

■ 51.2277, 58.4679,
102.3526

■ 87.0627, 92.7580,
107.0826

■ 45.2341, 51.9626,
101.4129

94.8896, 99.9359,
108.0555

■ 40.2915, 46.2073,
100.5625

■ 36.3183, 41.1562,
99.7969

■ 33.2197, 36.7564,
99.1110

■ 30.8782, 32.9434,
98.4984

■ 30.0820, 31.5407,
98.2696

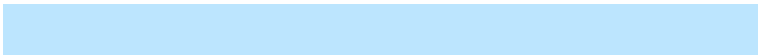
Harmonies

Analogous

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



63.4618, 73.8857, 95.0958



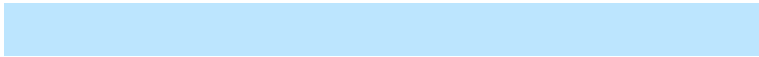
66.6477, 73.8857, 104.5146



70.9160, 73.8857, 107.2363

Triad

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



66.6477, 73.8857, 104.5146



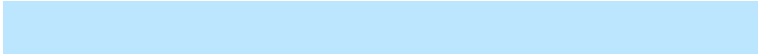
79.0444, 73.8857, 78.4958



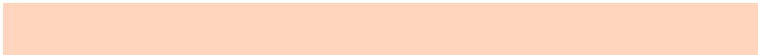
65.5042, 73.8857, 62.0351

Complementary

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



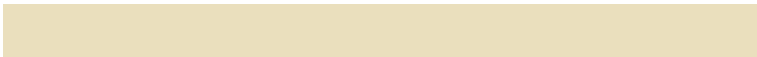
66.6477, 73.8857, 104.5146



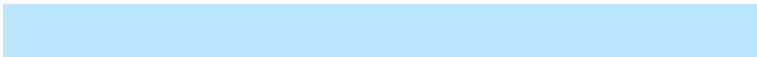
73.7453, 72.2906, 57.6454

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.



69.5408, 73.8857, 58.5411



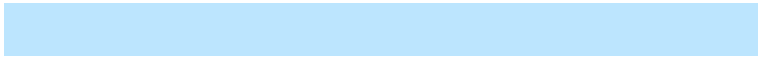
66.6477, 73.8857, 104.5146



77.4549, 73.8857, 67.3890

Square

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



66.6477, 73.8857, 104.5146



78.1912, 73.8857, 91.3335



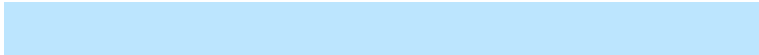
73.9304, 73.8857, 60.3939



62.8213, 73.8857, 70.4654

Rectangle

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



66.6477, 73.8857, 104.5146



73.8301, 73.8857, 104.6689



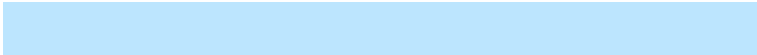
73.9304, 73.8857, 60.3939



66.7414, 73.8857, 60.2870

Sweetspot

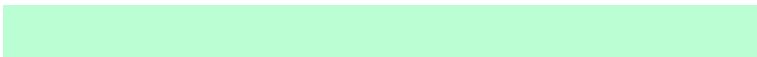
The Sweet Spot groups the original color and five complimentary colors.



66.6499, 73.8887, 104.5163



85.5235, 91.5031, 107.7620



68.0913, 86.3400, 75.4978



17.9430, 19.2577, 23.0214



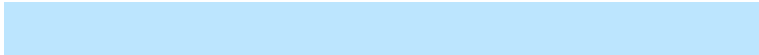
0.0000, 0.0000, 0.0000



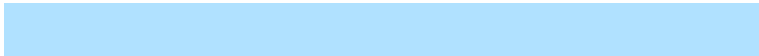
20.3446, 21.4041, 23.3091

Same Dimension

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



66.6499, 73.8887, 104.5163



62.8845, 70.3270, 104.8678



58.5509, 57.6906, 101.8166



17.9430, 19.2577, 23.0214



16.0062, 16.9219, 51.8572



1.6638, 1.8584, 5.0843

Inverse Universe

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



73.0009, 62.6962, 82.3860



70.3543, 57.7306, 78.7119



82.6645, 90.1290, 60.6184



18.4839, 18.1769, 21.1653



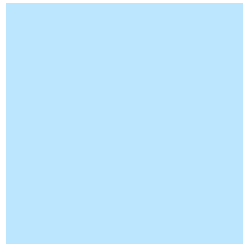
24.8674, 12.4362, 18.4839



2.4744, 1.2321, 2.0798

Previews

White Background



This preview shows how the XYZ color 66.6477, 73.8857, 104.5146 looks on a white background.

Color Contrast Check

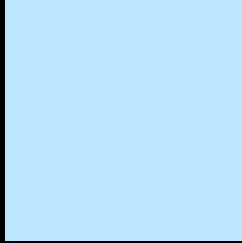
Large Text (above 18pt) WCAG AA × Fail

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 66.6477, 73.8857, 104.5146 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

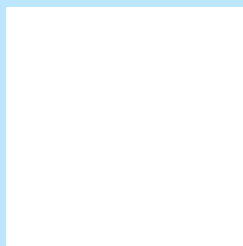
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6477, 73.8857, 104.5146

Background



This preview shows how black text looks on a background with the XYZ color 66.6477, 73.8857, 104.5146.

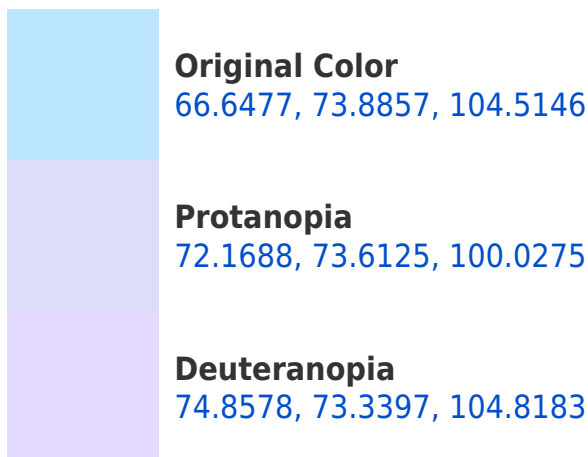


This preview shows how white text looks on a background with the XYZ color 66.6477, 73.8857,

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





Tritanopia

65.7336, 73.9357, 99.6134

Trichromacy



Original Color

66.6477, 73.8857, 104.5146

Protanomaly

70.0807, 73.6862, 101.7960

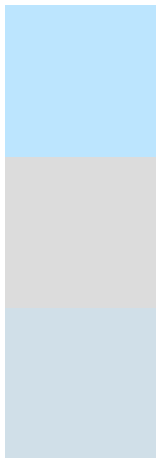
Deuteranomaly

71.3470, 73.0790, 104.9530

Tritanomaly

66.0457, 74.0606, 101.2566

Monochromacy



Original Color

66.6477, 73.8857, 104.5146

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.9656, 72.0114, 86.7141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6477, 73.8857, 104.5146 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(188, 229, 254)` looks like.

```
.text, #text, p{  
    color:rgb(188, 229, 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(188, 229, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 229, 254) }
```

Border

The CSS property to change the border of an element to XYZ 66.6477, 73.8857, 104.5146 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(188, 229, 254) }
```


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

```
.border{ border-color:rgb(188, 229, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 229, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 229, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 229, 254);  
box-shadow:4px 4px 4px 4px rgb(188, 229,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6477, 73.8857, 104.5146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 229, 254) }
```

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

```
.background{ background-color: rgb(188,  
229, 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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