

Converting Colors

XYZ(66.5509, 76.0643, 98.3630)

Have a look what the booklet for
XYZ(66.5509, 76.0643, 98.3630)
contains.

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Color

**XYZ(66.5509, 76.0643,
98.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEAF6
RGB	187, 234, 246
RGB Percent	73%, 92%, 96%
CMY	0.2667, 0.0823, 0.0353
CMYK	0.24, 0.05, 0.00, 0.04
HSL	192°, 77%, 85%
HSV	192°, 24%, 96%
XYZ	66.5509, 76.0643, 98.3630
YIQ	221.3150, -31.8640, -6.2320

Conversions

Conversions Part 2

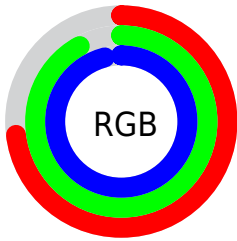
Format	Color
R _Y B	187, 213, 246
Decimal	12315382
CIE Lab	89.89, -12.43, -10.77
CIE LCh	90, 16.446, 220.920
Yxy	76.0643, 0.2762, 0.3156
Android (android.graphics.Color)	4290505462 (0xFFBBEAF6)
YUV	221.3150, 12.1697, -30.0943
Hunter-Lab	87.2148, -16.4183, -5.8183

Details

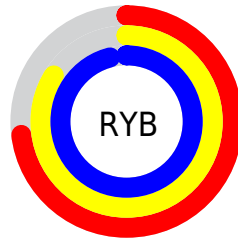
The XYZ color **66.5509, 76.0643, 98.3630** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.3999, 64.0278, 55.8216**, and the grayscale version is **68.8836, 72.4709, 78.9208**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **34.7304, 40.4640, 54.6951** is the 20% darker color. If you saturate the color by 10%, you get **59.6370, 70.4175, 97.6387**, and if you desaturate by 10%, it is **74.5404, 82.3291, 99.1524**.

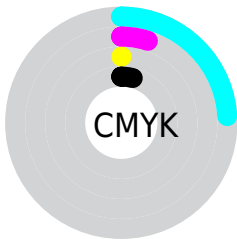
Distribution



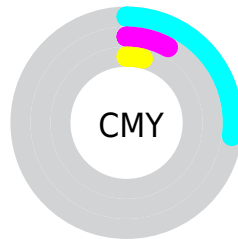
- Red (73%)
- Green (92%)
- Blue (96%)



- Red (73%)
- Yellow (84%)
- Blue (96%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5509, 76.0643, 98.3630 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 66.5509, 76.0643, 98.3630 by changing the saturation by 10% instead.

66.5509, 76.0643,
98.3630

66.5509, 76.0643,
98.3630

437.8022,
481.5678, 576.1332

48.9891, 56.4852,
74.3249

113.3300,
127.8178, 160.9380

34.8253, 40.5921,
54.5616

143.2780,
160.7610, 200.3119

23.6942, 28.0005,
38.6546

178.0855,
198.9277, 245.6348

15.2305, 18.3260,
26.1854

218.1178,
242.7024, 297.3252

9.0687, 11.1843,
16.7354

263.7403,
292.4693, 355.8017

4.8435, 6.1909,
9.8860

315.3182,

2.1895, 2.9615,

348.6129, 421.4829

5.2188

373.2171,
411.5176, 494.7872

■ 0.7372, 1.1117,
2.3153

■ 0.0000, 0.0000,
0.7397

■ 66.5509, 76.0643,
98.3630

■ 66.5509, 76.0643,
98.3630

■ 59.6370, 70.4175,
97.6387

■ 74.5404, 82.3291,
99.1524

■ 53.7391, 65.3518,
96.9718

■ 83.6478, 89.2284,
100.0041

■ 48.8019, 60.8401,
96.3612

■ 91.7540, 95.6723,
100.8206

■ 44.7621, 56.8492,
95.8038

■ 93.3209, 98.8061,
101.3429

■ 41.5482, 53.3418,
95.2962

■ 93.6348, 99.4339,
101.4476

■ 39.0776, 50.2748,
94.8344

■ 37.2495, 47.5957,
94.4136

■ 36.3701, 46.1245,
94.1760

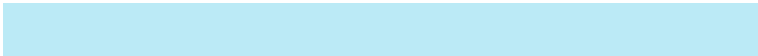
Harmonies

Analogous

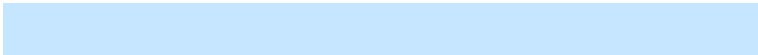
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.8916, 76.0643, 87.1336



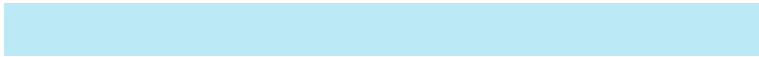
66.5509, 76.0643, 98.3630



69.7721, 76.0643, 105.8249

Triad

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



66.5509, 76.0643, 98.3630



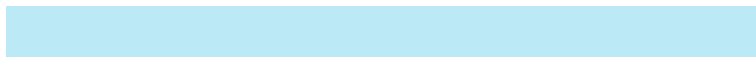
79.9368, 76.0643, 90.3551



70.8265, 76.0643, 62.7312

Complementary

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



66.5509, 76.0643, 98.3630



67.3999, 64.0278, 55.8216

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.



74.8817, 76.0643, 63.4187



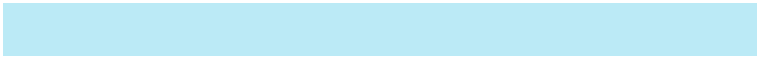
66.5509, 76.0643, 98.3630



80.2450, 76.0643, 78.6533

Square

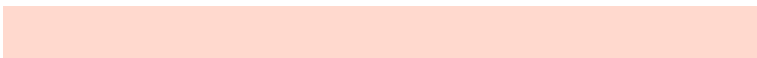
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



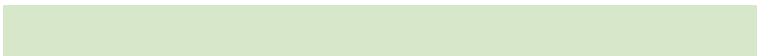
66.5509, 76.0643, 98.3630



77.5374, 76.0643, 100.9106



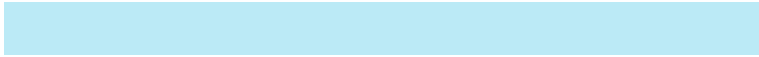
78.3643, 76.0643, 69.0091



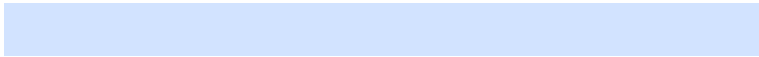
67.2979, 76.0643, 67.0339

Rectangle

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



66.5509, 76.0643, 98.3630



72.4223, 76.0643, 107.2760



78.3643, 76.0643, 69.0091



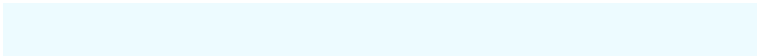
72.1715, 76.0643, 62.3975

Sweetspot

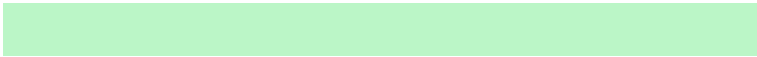
The Sweet Spot groups the original color and five complimentary colors.



66.5532, 76.0674, 98.3647



87.6382, 94.4764, 108.2245



63.7363, 80.5920, 66.1093



18.6276, 20.1234, 23.1524



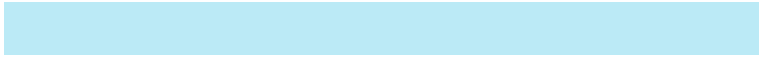
0.0000, 0.0000, 0.0000



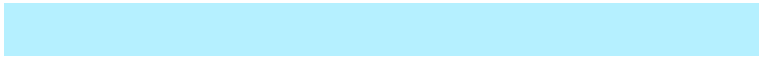
20.3446, 21.4041, 23.3091

Same Dimension

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



66.5532, 76.0674, 98.3647



68.2670, 79.3482, 106.3254



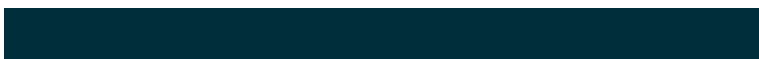
58.8892, 60.7395, 95.8101



16.6938, 18.1519, 21.1664



19.5156, 24.8250, 50.3012



1.7859, 2.3232, 4.4445

Inverse Universe

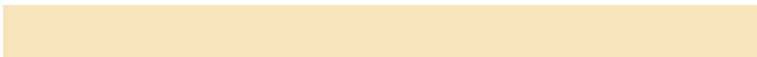
The Inverse Universe completely reimagines the original color for something new.



70.6295, 61.0758, 85.9117



73.4967, 60.6172, 90.2358



74.8030, 78.8342, 58.2893



17.0608, 16.7072, 20.0666



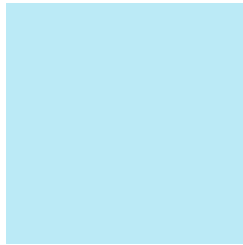
25.6551, 12.6055, 29.2218



2.2905, 1.1222, 2.7561

Previews

White Background



This preview shows how the XYZ color 66.5509, 76.0643, 98.3630 looks on a white background.

Color Contrast Check

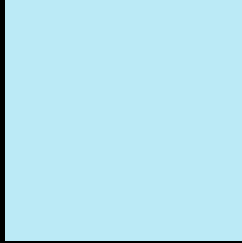
Large Text (above 18pt) WCAG AA × Fail

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 66.5509, 76.0643, 98.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

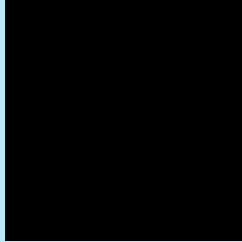
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5509, 76.0643, 98.3630

Background



This preview shows how black text looks on a background with the XYZ color 66.5509, 76.0643, 98.3630.

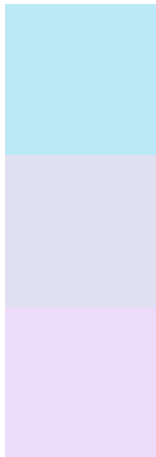


This preview shows how white text looks on a background with the XYZ color 66.5509, 76.0643,

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

66.5509, 76.0643, 98.3630

Protanopia

73.4352, 75.6101, 93.1618

Deuteranopia

77.0225, 75.3355, 100.1042



Tritanopia

67.4486, 75.9975, 103.2095

Trichromacy



Original Color

66.5509, 76.0643, 98.3630

Protanomaly

70.6344, 75.7465, 94.9021

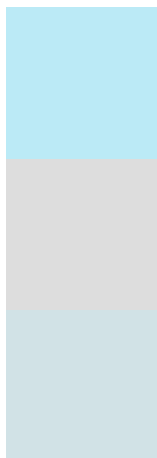
Deuteranomaly

72.5124, 74.9940, 99.4604

Tritanomaly

67.1333, 75.8713, 101.5488

Monochromacy



Original Color

66.5509, 76.0643, 98.3630

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.7738, 73.6612, 85.5089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5509, 76.0643, 98.3630 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(187, 234, 246)` looks like.

```
.text, #text, p{  
    color:rgb(187, 234, 246)  
}
```

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(187, 234, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 234, 246) }
```

Border

The CSS property to change the border of an element to XYZ 66.5509, 76.0643, 98.3630 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(187, 234, 246) }
```


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

```
.border{ border-color:rgb(187, 234, 246) }
```

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

Here you see how a box with a 4 pixel rgb(187, 234, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 234, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 234, 246);  
box-shadow:4px 4px 4px 4px rgb(187, 234,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5509, 76.0643, 98.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 234, 246) }
```

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

```
.background{ background-color: rgb(187,  
234, 246) }
```

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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