

Converting Colors

XYZ(66.5797, 74.0868,
101.1959)

Have a look what the booklet for
XYZ(66.5797, 74.0868, 101.1959)
contains.

XYZ(66.5098, 73.8879, 101.1988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.5098, 73.8879,
101.1988)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE5FA
RGB	190, 229, 250
RGB Percent	75%, 90%, 98%
CMY	0.2549, 0.1019, 0.0196
CMYK	0.24, 0.08, 0.00, 0.02
HSL	201°, 86%, 86%
HSV	201°, 24%, 98%
XYZ	66.5098, 73.8879, 101.1988
YIQ	219.7330, -29.9850, -1.7370

Conversions

Conversions Part 2

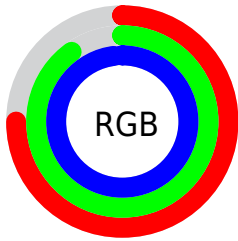
Format	Color
R _Y B	190, 214, 250
Decimal	12510714
CIE Lab	88.87, -8.12, -14.37
CIE LCh	89, 16.507, 240.522
Yxy	73.8879, 0.2753, 0.3058
Android (android.graphics.Color)	4290700794 (0xFFBEE5FA)
YUV	219.7330, 14.9216, -26.0758
Hunter-Lab	85.9581, -12.3128, -9.6317

Details

The XYZ color **66.5098, 73.8879, 101.1988** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.0136, 70.6304, 58.5543**, and the grayscale version is **67.7575, 71.2861, 77.6306**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **34.8653, 39.3180, 56.7905** is the 20% darker color. If you saturate the color by 10%, you get **58.4335, 66.2225, 100.1461**, and if you desaturate by 10%, it is **75.7836, 82.3554, 102.3456**.

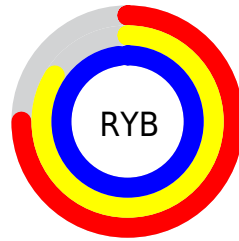
Distribution



Red (75%)

Green (90%)

Blue (98%)



Red (75%)

Yellow (84%)

Blue (98%)

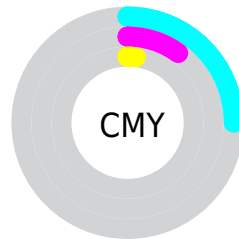


Cyan (24%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (10%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5098, 73.8879, 101.1988 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 66.5098, 73.8879, 101.1988 by changing the saturation by 10% instead.

■ 66.5098, 73.8879,
101.1988

■ 66.5098, 73.8879,
101.1988

437.6578,
474.0864, 585.3088

■ 48.9556, 54.7023,
76.6796

■ 113.2714,
124.7369, 164.8699

■ 34.7986, 39.1634,
56.4800

143.2095,
157.1691, 204.8588

■ 23.6736, 26.8869,
40.1813

178.0063,
194.7855, 250.8415

■ 15.2151, 17.4883,
27.3651

218.0271,
237.9707, 303.2363

■ 9.0578, 10.5832,
17.6127

263.6373,
287.1090, 362.4620

■ 4.8363, 5.7873,
10.5058

315.2023,

■ 2.1853, 2.7162,

342.5848, 428.9369

5.6256

373.0873,
404.7824, 503.0797

■ 0.7350, 0.9854,
2.5537

■ 0.0000, 0.0000,
0.8684

■ 66.5098, 73.8879,
101.1988

■ 66.5098, 73.8879,
101.1988

■ 58.4335, 66.2225,
100.1461

■ 75.7836, 82.3554,
102.3456

■ 51.4915, 59.3186,
99.1794

■ 86.3006, 91.6456,
103.5845

■ 45.6249, 53.1448,
98.2970

■ 94.2555, 99.6822,
104.7165

■ 40.7660, 47.6635,
97.4951

■ 36.8390, 42.8329,
96.7696

■ 33.7564, 38.6048,
96.1160

■ 31.4113, 34.9213,
95.5286

■ 30.2663, 32.9237,
95.2034

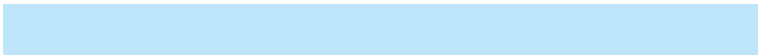
Harmonies

Analogous

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



63.8067, 73.8879, 92.1693



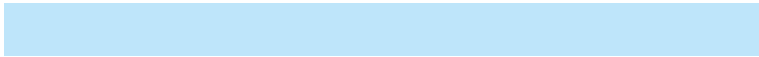
66.5098, 73.8879, 101.1988



70.2984, 73.8879, 104.5581

Triad

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



66.5098, 73.8879, 101.1988



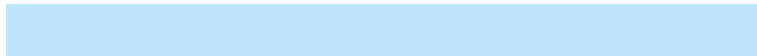
78.2062, 73.8879, 80.2506



66.3927, 73.8879, 62.9235

Complementary

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



66.5098, 73.8879, 101.1988



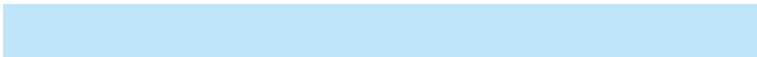
72.0136, 70.6304, 58.5543

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.



70.1581, 73.8879, 60.3677



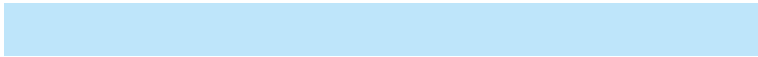
66.5098, 73.8879, 101.1988



77.0667, 73.8879, 69.7712

Square

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



66.5098, 73.8879, 101.1988



77.1414, 73.8879, 91.7888



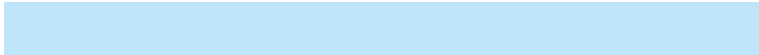
74.0827, 73.8879, 62.7531



63.7410, 73.8879, 70.0882

Rectangle

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



66.5098, 73.8879, 101.1988



72.9602, 73.8879, 102.9026



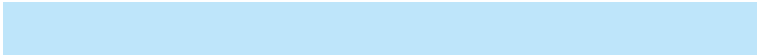
74.0827, 73.8879, 62.7531



67.5653, 73.8879, 61.5291

Sweetspot

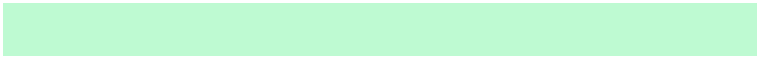
The Sweet Spot groups the original color and five complimentary colors.



66.5120, 73.8909, 101.2005



86.8246, 92.8493, 107.9533



67.0551, 83.9729, 73.6485



18.4389, 19.7460, 23.0895



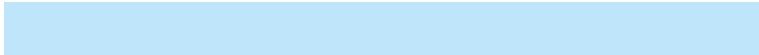
0.0000, 0.0000, 0.0000



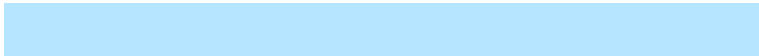
20.3446, 21.4041, 23.3091

Same Dimension

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



66.5120, 73.8909, 101.2005



65.1705, 73.1553, 105.2933



59.1463, 59.1595, 98.7452



17.2247, 18.5263, 22.0534



16.1940, 17.7436, 50.5449



1.5992, 1.8421, 4.7144

Inverse Universe

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



71.9824, 62.8098, 82.4617



71.9338, 59.9920, 82.0055



79.8800, 86.3633, 61.1764



17.7200, 17.4153, 20.3811



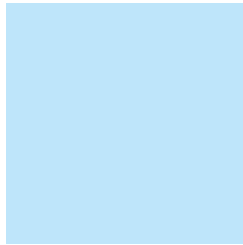
24.4660, 12.2021, 19.6943



2.3161, 1.1502, 2.0881

Previews

White Background



This preview shows how the XYZ color 66.5098, 73.8879, 101.1988 looks on a white background.

Color Contrast Check

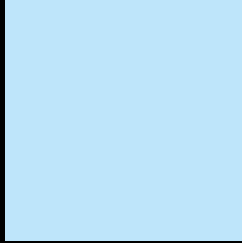
Large Text (above 18pt) WCAG AA × Fail

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 66.5098, 73.8879, 101.1988 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 66.5098, 73.8879, 101.1988

Background



This preview shows how black text looks on a background with the XYZ color 66.5098, 73.8879, 101.1988.

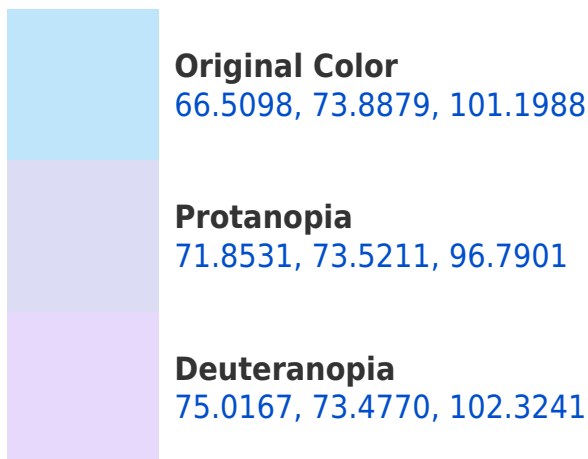


This preview shows how white text looks on a background with the XYZ color 66.5098, 73.8879,

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

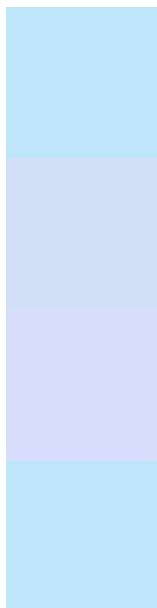




Tritanopia

66.1978, 73.7631, 99.5556

Trichromacy



Original Color

66.5098, 73.8879, 101.1988

Protanomaly

69.7387, 73.5820, 98.5228

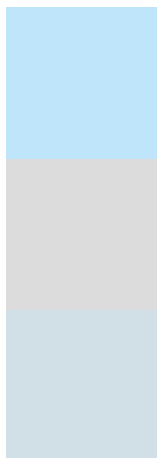
Deuteranomaly

71.2934, 73.1250, 101.6238

Tritanomaly

66.3534, 73.8253, 100.3750

Monochromacy



Original Color

66.5098, 73.8879, 101.1988

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.1060, 72.1002, 85.9812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5098, 73.8879, 101.1988 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(190, 229, 250)` looks like.

```
.text, #text, p{  
    color:rgb(190, 229, 250)  
}
```

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(190, 229, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 229, 250) }
```

Border

The CSS property to change the border of an element to XYZ 66.5098, 73.8879, 101.1988 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(190, 229, 250) }
```


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

```
.border{ border-color:rgb(190, 229, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 229, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 229, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 229, 250);  
box-shadow:4px 4px 4px 4px rgb(190, 229,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5098, 73.8879, 101.1988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 229, 250) }
```

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

```
.background{ background-color: rgb(190,  
229, 250) }
```

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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