

Converting Colors

XYZ(78.5722, 80.5287,
166.3497)

Have a look what the booklet for
XYZ(78.5722, 80.5287, 166.3497)
contains.

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Color

**XYZ(66.9561, 75.6882,
105.6881)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E9FF
RGB	184, 233, 255
RGB Percent	72%, 91%, 100%
CMY	0.2784, 0.0863, 0.0000
CMYK	0.28, 0.09, 0.00, 0.00
HSL	199°, 100%, 86%
HSV	199°, 28%, 100%
XYZ	66.9561, 75.6882, 105.6881
YIQ	220.8570, -36.2660, -3.5460

Conversions

Conversions Part 2

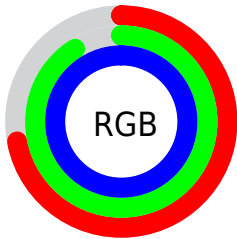
Format	Color
RYB	184, 213, 255
Decimal	12118527
CIELab	89.71, -10.77, -15.76
CIELCh	90, 19.089, 235.639
Yxy	75.6882, 0.2696, 0.3048
Android (android.graphics.Color)	4290308607 (0xFFB8E9FF)
YUV	220.8570, 16.8325, -32.3236
Hunter-Lab	86.9990, -14.8711, -11.1274

Details

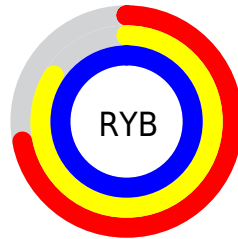
The XYZ color **66.9561, 75.6882, 105.6881** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.9631, 68.8629, 54.8482**, and the grayscale version is **68.5326, 72.1016, 78.5187**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **34.9684, 40.1886, 59.3402** is the 20% darker color. If you saturate the color by 10%, you get **59.2032, 68.4471, 104.6990**, and if you desaturate by 10%, it is **75.9142, 83.7030, 106.7629**.

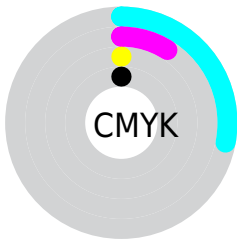
Distribution



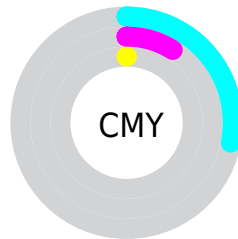
- Red (72%)
- Green (91%)
- Blue (100%)



- Red (72%)
- Yellow (84%)
- Blue (100%)



- Cyan (28%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9561, 75.6882, 105.6881 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 66.9561, 75.6882, 105.6881 by changing the saturation by 10% instead.

66.9561, 75.6882,
105.6881

66.9561, 75.6882,
105.6881

439.2234,
480.2797, 599.6811

49.3195, 56.1769,
80.4161

113.9076,
127.2861, 171.0720

35.0886, 40.3447,
59.5326

143.9533,
160.1414, 212.0210

23.8980, 27.8074,
42.6192

178.8661,
198.2135, 259.0327

15.3823, 18.1806,
29.2573

219.0113,
241.8868, 312.5257

9.1762, 11.0797,
19.0283

264.7542,
291.5457, 372.9185

4.9143, 6.1205,
11.5137

316.4603,

2.2313, 2.9185,

347.5745, 440.6296

6.2950

374.4950,
410.3577, 516.0776

0.7592, 1.0893,
2.9536

0.0000, 0.0000,
1.0710

66.9561, 75.6882,
105.6881

66.9561, 75.6882,
105.6881

59.2032, 68.4471,
104.6990

75.9142, 83.7030,
106.7629

52.5889, 61.9378,
103.7912

86.1274, 92.5135,
107.9252

47.0492, 56.1273,
102.9616

95.0500, 100.0000,
108.9000

42.5109, 50.9758,
102.2065

■ 38.8907, 46.4383,
101.5215

■ 36.0907, 42.4623,
100.9016

■ 33.9803, 38.9784,
100.3404

■ 33.5750, 38.2700,
100.2250

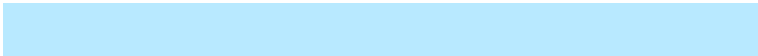
Harmonies

Analogous

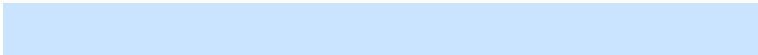
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.0922, 75.6882, 94.1312



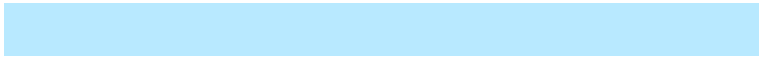
66.9561, 75.6882, 105.6881



71.2541, 75.6882, 111.0204

Triad

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



66.9561, 75.6882, 105.6881



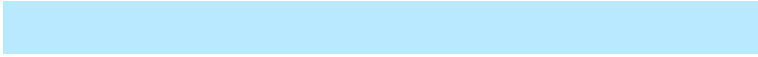
81.3363, 75.6882, 84.3962



68.0977, 75.6882, 61.2022

Complementary

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



66.9561, 75.6882, 105.6881



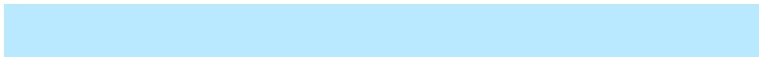
71.9631, 68.8629, 54.8482

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.



72.6291, 75.6882, 59.1952



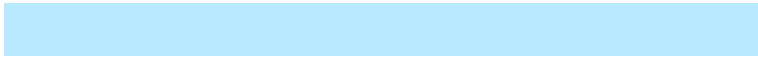
66.9561, 75.6882, 105.6881



80.4022, 75.6882, 71.7074

Square

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



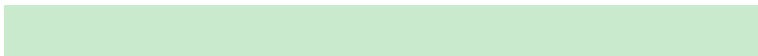
66.9561, 75.6882, 105.6881



79.6641, 75.6882, 97.9070



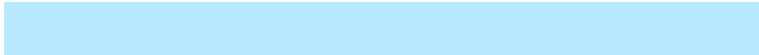
77.1639, 75.6882, 62.8311



64.7309, 75.6882, 68.6439

Rectangle

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



66.9561, 75.6882, 105.6881



74.4043, 75.6882, 109.9461



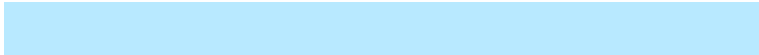
77.1639, 75.6882, 62.8311



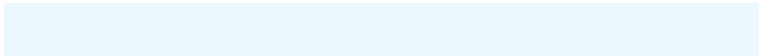
69.5295, 75.6882, 59.9068

Sweetspot

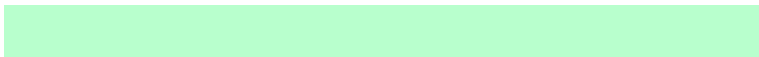
The Sweet Spot groups the original color and five complimentary colors.



66.9581, 75.6911, 105.6885



85.9558, 92.3678, 107.9061



66.5839, 86.1332, 71.0651



18.0522, 19.4760, 23.0577



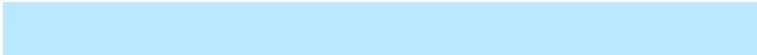
0.0000, 0.0000, 0.0000



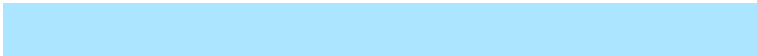
20.3446, 21.4041, 23.3091

Same Dimension

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



66.9581, 75.6911, 105.6885



62.8117, 71.8607, 105.1677



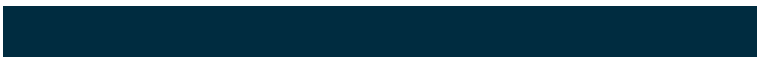
58.0584, 57.8916, 102.7219



18.0522, 19.4760, 23.0577



17.6826, 20.2748, 52.4160



1.8190, 2.1687, 5.1360

Inverse Universe

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



73.0898, 61.4258, 85.0983



69.9076, 55.9824, 81.1983



81.2884, 87.5135, 57.9567



18.5390, 18.1989, 21.4555



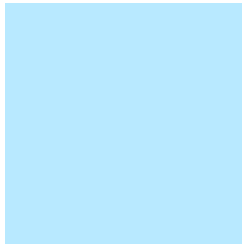
25.7136, 12.7747, 22.9399



2.5527, 1.2635, 2.4922

Previews

White Background



This preview shows how the XYZ color 66.9561, 75.6882, 105.6881 looks on a white background.

Color Contrast Check

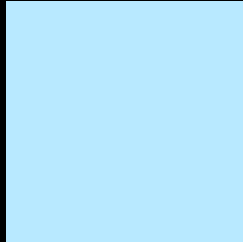
Large Text (above 18pt) WCAG AA × Fail

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 66.9561, 75.6882, 105.6881 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 66.9561, 75.6882, 105.6881

Background



This preview shows how black text looks on a background with the XYZ color 66.9561, 75.6882, 105.6881.

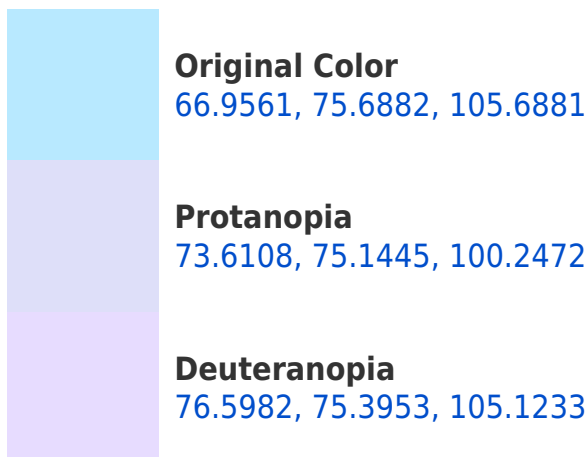


This preview shows how white text looks on a background with the XYZ color 66.9561, 75.6882,

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

66.2380, 75.3734, 103.1529

Trichromacy



Original Color

66.9561, 75.6882, 105.6881

Protanomaly

70.8941, 75.3131, 102.0672

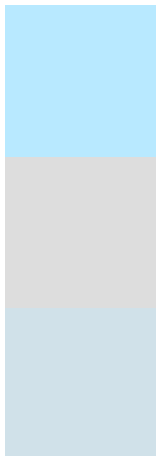
Deuteranomaly

72.7068, 75.3666, 105.3229

Tritanomaly

66.3970, 75.4370, 103.9898

Monochromacy



Original Color

66.9561, 75.6882, 105.6881

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.6456, 73.1435, 87.6436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9561, 75.6882, 105.6881 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(184, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 233, 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(184, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.9561, 75.6882, 105.6881 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(184, 233, 255) }
```


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

```
.border{ border-color:rgb(184, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9561, 75.6882, 105.6881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 233, 255) }
```

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

```
.background{ background-color: rgb(184,  
233, 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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