

Converting Colors

XYZ(66.6004, 73.7567,
107.6008)

Have a look what the booklet for
XYZ(66.6004, 73.7567, 107.6008)
contains.

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Color

**XYZ(66.0769, 73.5729,
105.3261)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E5FF
RGB	185, 229, 255
RGB Percent	73%, 90%, 100%
CMY	0.2745, 0.1019, 0.0000
CMYK	0.27, 0.10, 0.00, 0.00
HSL	202°, 100%, 86%
HSV	202°, 27%, 100%
XYZ	66.0769, 73.5729, 105.3261
YIQ	218.8080, -34.5700, -1.2420

Conversions

Conversions Part 2

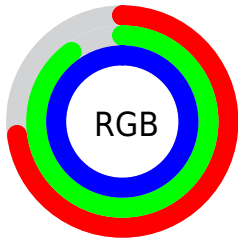
Format	Color
RYB	185, 212, 255
Decimal	12183039
CIELab	88.72, -8.44, -17.25
CIELCh	89, 19.203, 243.910
Yxy	73.5729, 0.2697, 0.3003
Android (android.graphics.Color)	4290373119 (0xFFB9E5FF)
YUV	218.8080, 17.8427, -29.6496
Hunter-Lab	85.7746, -12.5973, -12.7623

Details

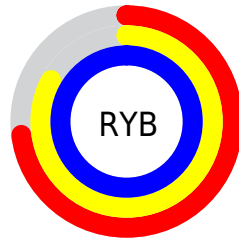
The XYZ color **66.0769, 73.5729, 105.3261** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.2913, 71.3509, 55.8100**, and the grayscale version is **67.0981, 70.5924, 76.8751**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **34.5350, 39.0951, 59.1520** is the 20% darker color. If you saturate the color by 10%, you get **57.9192, 65.5847, 104.2142**, and if you desaturate by 10%, it is **75.4848, 82.4215, 106.5382**.

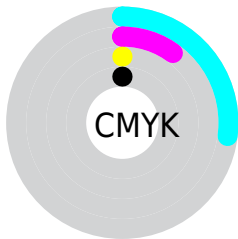
Distribution



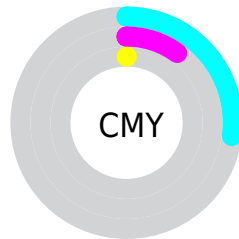
- Red (73%)
- Green (90%)
- Blue (100%)



- Red (73%)
- Yellow (83%)
- Blue (100%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0769, 73.5729, 105.3261 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 66.0769, 73.5729, 105.3261 by changing the saturation by 10% instead.

■ 66.0769, 73.5729,
105.3261

■ 66.0769, 73.5729,
105.3261

436.1362,
472.9980, 598.5289

■ 48.6028, 54.4445,
80.1144

■ 112.6538,
124.2902, 170.5729

■ 34.5177, 38.9572,
59.2858

142.4873,
156.6479, 211.4450

■ 23.4564, 26.7264,
42.4217

177.1713,
194.1842, 258.3744

■ 15.0534, 17.3679,
29.1036

217.0711,
237.2834, 311.7796

■ 8.9434, 10.4971,
18.9129

262.5522,
286.3300, 372.0791

■ 4.7611, 5.7298,
11.4312

313.9798,

■ 2.1411, 2.6815,

341.7084, 439.6915

6.2399

371.7193,
403.8029, 515.0352

■ 0.7114, 0.9678,
2.9203

■ 0.0000, 0.0000,
1.0541

■ 66.0769, 73.5729,
105.3261

■ 66.0769, 73.5729,
105.3261

■ 57.9192, 65.5847,
104.2142

■ 75.4848, 82.4215,
106.5382

■ 50.9444, 58.4133,
103.1976

■ 86.1937, 92.1544,
107.8524

■ 45.0878, 52.0238,
102.2730

95.0500, 100.0000,
108.9000

■ 40.2753, 46.3745,
101.4362

■ 36.4231, 41.4186,
100.6826

■ 33.4331, 37.1018,
100.0070

■ 31.1776, 33.3543,
99.4025

■ 30.6724, 32.4648,
99.2575

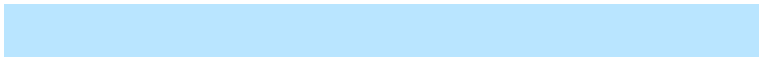
Harmonies

Analogous

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



62.7805, 73.5729, 95.2307



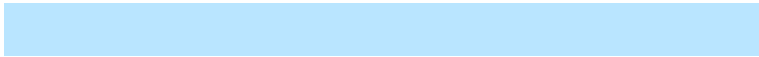
66.0769, 73.5729, 105.3261



70.5392, 73.5729, 108.4100

Triad

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



66.0769, 73.5729, 105.3261



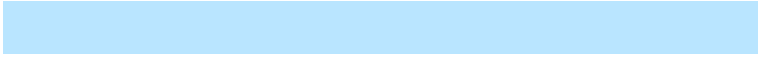
79.2160, 73.5729, 78.3780



65.0671, 73.5729, 60.7133

Complementary

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



66.0769, 73.5729, 105.3261



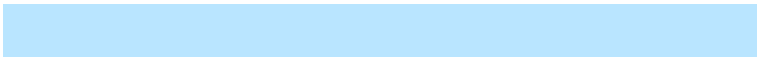
73.2913, 71.3509, 55.8100

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.



69.3220, 73.5729, 57.2183



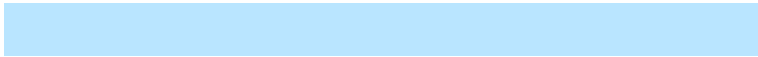
66.0769, 73.5729, 105.3261



77.6001, 73.5729, 66.6782

Square

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



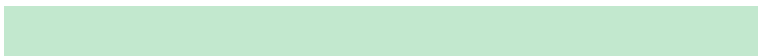
66.0769, 73.5729, 105.3261



78.2543, 73.5729, 91.8830



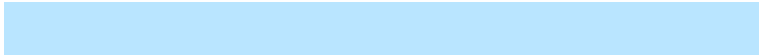
73.9276, 73.5729, 59.2759



62.2159, 73.5729, 69.3853

Rectangle

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



66.0769, 73.5729, 105.3261



73.6088, 73.5729, 105.8200



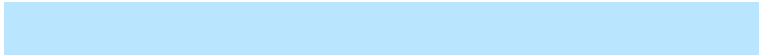
73.9276, 73.5729, 59.2759



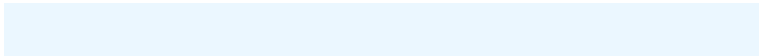
66.3736, 73.5729, 58.9404

Sweetspot

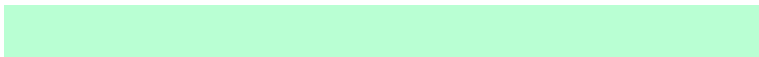
The Sweet Spot groups the original color and five complimentary colors.



66.0789, 73.5758, 105.3266



85.5695, 91.5952, 107.7774



67.4848, 86.5213, 74.5540



17.9547, 19.2809, 23.0252



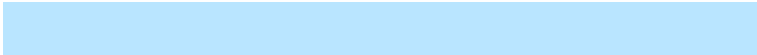
0.0000, 0.0000, 0.0000



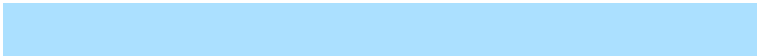
20.3446, 21.4041, 23.3091

Same Dimension

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



66.0789, 73.5758, 105.3266



61.3999, 69.0371, 104.6971



57.4251, 56.2681, 102.4419



17.9547, 19.2809, 23.0252



16.1748, 17.2592, 51.9134



1.6796, 1.8899, 5.0895

Inverse Universe

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



72.7331, 61.6167, 82.1917



69.1950, 55.6973, 77.4457



82.8519, 90.4721, 58.9969



18.4898, 18.1792, 21.1962



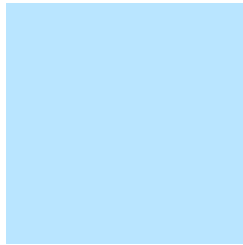
24.9525, 12.4703, 18.9322



2.4824, 1.2353, 2.1217

Previews

White Background



This preview shows how the XYZ color 66.0769, 73.5729, 105.3261 looks on a white background.

Color Contrast Check

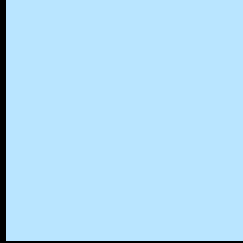
Large Text (above 18pt) WCAG AA × Fail

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 66.0769, 73.5729, 105.3261 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

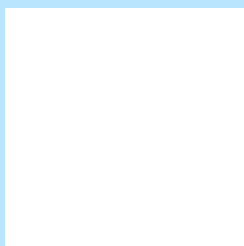
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0769, 73.5729, 105.3261

Background



This preview shows how black text looks on a background with the XYZ color 66.0769, 73.5729, 105.3261.



This preview shows how white text looks on a background with the XYZ color 66.0769, 73.5729,

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

66.0769, 73.5729, 105.3261

Protanopia

72.0252, 73.5205, 100.8372

Deuteranopia

74.2269, 73.0145, 104.7888



Tritanopia

65.0073, 73.5613, 99.5794

Trichromacy



Original Color

66.0769, 73.5729, 105.3261

Protanomaly

69.6799, 73.4614, 102.6024

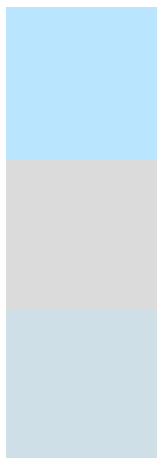
Deuteranomaly

70.7704, 72.7818, 104.9260

Tritanomaly

65.4766, 73.7490, 102.0508

Monochromacy



Original Color

66.0769, 73.5729, 105.3261

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.6853, 71.8669, 86.7009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0769, 73.5729, 105.3261 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(185, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 229, 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(185, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.0769, 73.5729, 105.3261 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(185, 229, 255) }
```


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

```
.border{ border-color:rgb(185, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0769, 73.5729, 105.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 229, 255) }
```

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

```
.background{ background-color: rgb(185,  
229, 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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