

Converting Colors

XYZ(73.0013, 78.5573,
138.0646)

Have a look what the booklet for
XYZ(73.0013, 78.5573, 138.0646)
contains.

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Color

**XYZ(66.7642, 76.0107,
105.7604)**

Conversions

Conversions Part 1

Format	Color
Hex	B6EAFB
RGB	182, 234, 255
RGB Percent	71%, 92%, 100%
CMY	0.2863, 0.0823, 0.0000
CMYK	0.29, 0.08, 0.00, 0.00
HSL	197°, 100%, 86%
HSV	197°, 29%, 100%
XYZ	66.7642, 76.0107, 105.7604
YIQ	220.8460, -37.7330, -4.4930

Conversions

Conversions Part 2

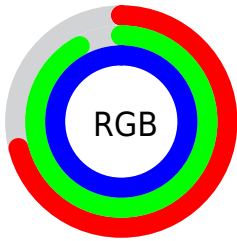
Format	Color
R _Y B	182, 212, 255
Decimal	11987711
CIE Lab	89.86, -11.85, -15.54
CIE LCh	90, 19.544, 232.691
Yxy	76.0107, 0.2686, 0.3058
Android (android.graphics.Color)	4290177791 (0xFFB6E AFF)
YUV	220.8460, 16.8379, -34.0679
Hunter-Lab	87.1841, -15.8798, -10.8940

Details

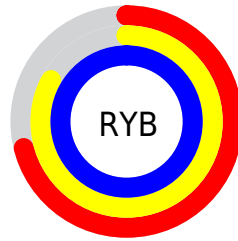
The XYZ color **66.7642, 76.0107, 105.7604** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.0395, 67.3489, 53.5132**, and the grayscale version is **68.5256, 72.0942, 78.5106**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **34.8658, 40.4300, 59.3922** is the 20% darker color. If you saturate the color by 10%, you get **59.2368, 69.0961, 104.8225**, and if you desaturate by 10%, it is **75.4787, 83.6694, 106.7794**.

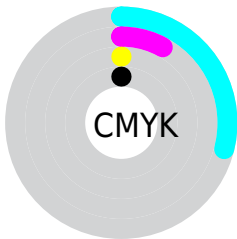
Distribution



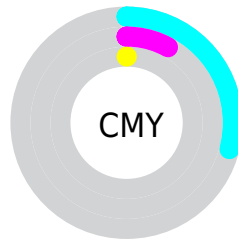
- Red (71%)
- Green (92%)
- Blue (100%)



- Red (71%)
- Yellow (83%)
- Blue (100%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7642, 76.0107, 105.7604 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 66.7642, 76.0107, 105.7604 by changing the saturation by 10% instead.

66.7642, 76.0107,
105.7604

66.7642, 76.0107,
105.7604

438.5507,
481.3843, 599.9111

49.1630, 56.4413,
80.4763

113.6341,
127.7420, 171.1717

34.9639, 40.5568,
59.5819

143.6336,
160.6727, 212.1360

23.8014, 27.9730,
42.6587

178.4965,
198.8260, 259.1641

15.3103, 18.3053,
29.2880

218.5883,
242.5862, 312.6746

9.1252, 11.1694,
19.0513

264.2742,
292.3377, 373.0860

4.8807, 6.1809,
11.5302

315.9197,

2.2115, 2.9554,

348.4650, 440.8169

6.3060

373.8900,
411.3524, 516.2857

■ 0.7488, 1.1085,
2.9602

■ 0.0000, 0.0000,
1.0744

■ 66.7642, 76.0107,
105.7604

■ 66.7642, 76.0107,
105.7604

■ 59.2368, 69.0961,
104.8225

■ 75.4787, 83.6694,
106.7794

■ 52.8298, 62.8839,
103.9611

■ 85.4301, 92.0937,
107.8810

■ 47.4788, 57.3414,
103.1733

95.0500, 100.0000,
108.9000

■ 43.1102, 52.4290,
102.4554

■ 39.6403, 48.1019,
101.8031

■ 36.9698, 44.3073,
101.2114

■ 34.9580, 40.9710,
100.6734

■ 34.7076, 40.5351,
100.6025

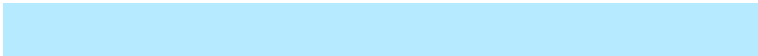
Harmonies

Analogous

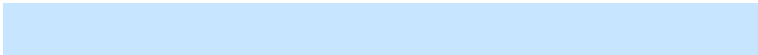
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.0154, 76.0107, 93.4479



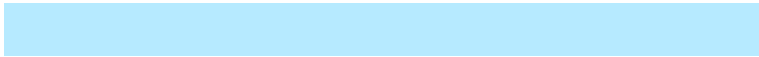
66.7642, 76.0107, 105.7604



71.0714, 76.0107, 112.0321

Triad

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



66.7642, 76.0107, 105.7604



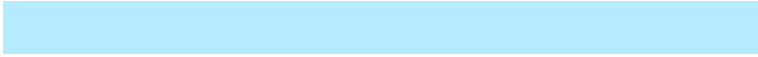
81.8501, 76.0107, 86.1912



68.7237, 76.0107, 60.5782

Complementary

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



66.7642, 76.0107, 105.7604



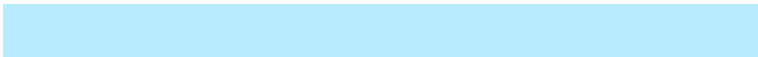
71.0395, 67.3489, 53.5132

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.



73.4333, 76.0107, 59.0946



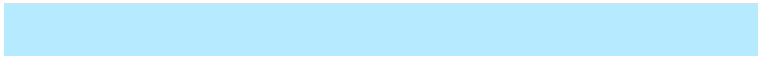
66.7642, 76.0107, 105.7604



81.1532, 76.0107, 72.9248

Square

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



66.7642, 76.0107, 105.7604



79.8837, 76.0107, 99.9450



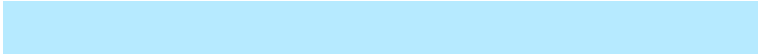
78.0197, 76.0107, 63.3668



65.1111, 76.0107, 67.6720

Rectangle

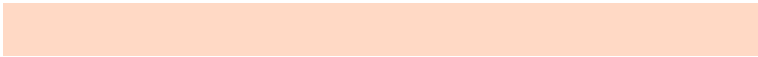
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



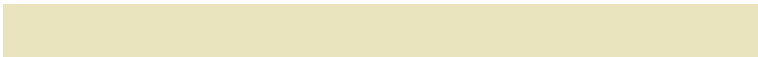
66.7642, 76.0107, 105.7604



74.3046, 76.0107, 111.5024



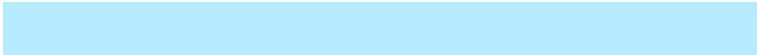
78.0197, 76.0107, 63.3668



70.2256, 76.0107, 59.4416

Sweetspot

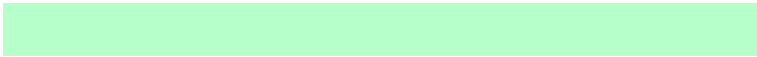
The Sweet Spot groups the original color and five complimentary colors.



66.7663, 76.0136, 105.7609



85.0352, 91.7646, 107.8383



65.7943, 85.7623, 69.3898



17.8757, 19.3695, 23.0465



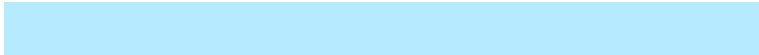
0.0000, 0.0000, 0.0000



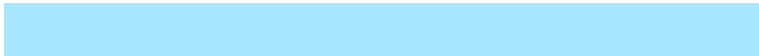
20.3446, 21.4041, 23.3091

Same Dimension

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



66.7663, 76.0136, 105.7609



62.5768, 72.2065, 105.2468



57.4950, 57.4711, 102.6705



18.0876, 19.5467, 23.0695



18.2698, 21.4492, 52.6118



1.8726, 2.2758, 5.1539

Inverse Universe

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



72.8205, 60.6580, 85.7153



69.5899, 55.0929, 81.8755



80.6043, 86.4784, 56.7015



18.5568, 18.2060, 21.5495



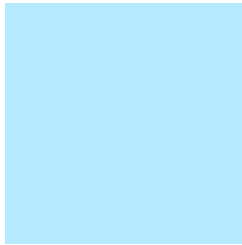
26.0099, 12.8933, 24.5006



2.5798, 1.2743, 2.6346

Previews

White Background



This preview shows how the XYZ color 66.7642, 76.0107, 105.7604 looks on a white background.

Color Contrast Check

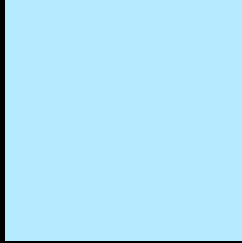
Large Text (above 18pt) WCAG AA × Fail

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 66.7642, 76.0107, 105.7604 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

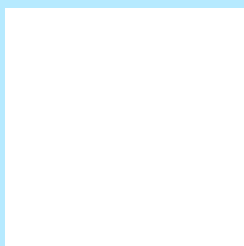
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7642, 76.0107, 105.7604

Background



This preview shows how black text looks on a background with the XYZ color 66.7642, 76.0107, 105.7604.

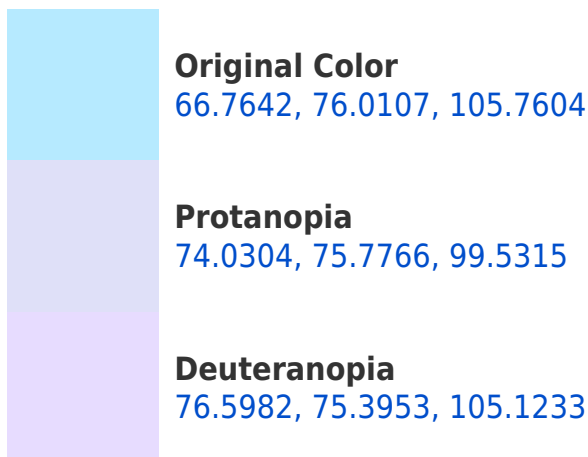


This preview shows how white text looks on a background with the XYZ color 66.7642, 76.0107,

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

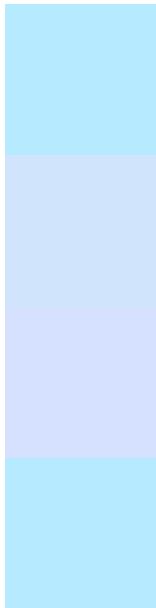




Tritanopia

66.4438, 75.8826, 104.0733

Trichromacy



Original Color

66.7642, 76.0107, 105.7604

Protanomaly

71.1684, 75.8617, 102.1586

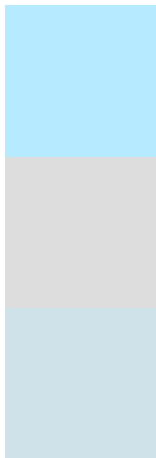
Deuteranomaly

72.4158, 75.2166, 105.3093

Tritanomaly

66.6036, 75.9465, 104.9147

Monochromacy



Original Color

66.7642, 76.0107, 105.7604

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.6365, 73.5413, 87.7209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7642, 76.0107, 105.7604 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(182, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 234, 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(182, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.7642, 76.0107, 105.7604 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(182, 234, 255) }
```


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

```
.border{ border-color:rgb(182, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7642, 76.0107, 105.7604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 234, 255) }
```

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

```
.background{ background-color: rgb(182,  
234, 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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