

Converting Colors

XYZ(66.2633, 76.2208,
105.8274)

Have a look what the booklet for
XYZ(66.2633, 76.2208, 105.8274)
contains.

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Color

**XYZ(66.3487, 76.2204,
105.8228)**

Conversions

Conversions Part 1

Format	Color
Hex	B3EBFF
RGB	179, 235, 255
RGB Percent	70%, 92%, 100%
CMY	0.2980, 0.0784, 0.0000
CMYK	0.30, 0.08, 0.00, 0.00
HSL	196°, 100%, 85%
HSV	196°, 30%, 100%
XYZ	66.3487, 76.2204, 105.8228
YIQ	220.5360, -39.7960, -5.6520

Conversions

Conversions Part 2

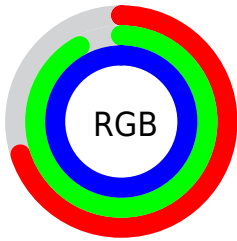
Format	Color
R _Y B	179, 211, 255
Decimal	11791359
CIE Lab	89.96, -13.19, -15.42
CIE LCh	90, 20.288, 229.452
Yxy	76.2204, 0.2671, 0.3069
Android (android.graphics.Color)	4289981439 (0xFFB3EBFF)
YUV	220.5360, 16.9908, -36.4271
Hunter-Lab	87.3043, -17.1278, -10.7533

Details

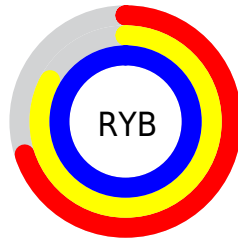
The XYZ color **66.3487, 76.2204, 105.8228** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.8001, 65.3610, 51.5866**, and the grayscale version is **68.3086, 71.8660, 78.2620**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **34.6253, 40.6025, 59.4382** is the 20% darker color. If you saturate the color by 10%, you get **59.1067, 69.6908, 104.9441**, and if you desaturate by 10%, it is **74.7570, 83.4626, 106.7775**.

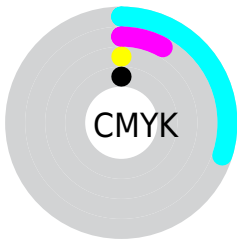
Distribution



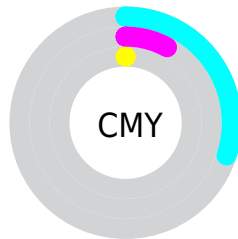
- Red (70%)
- Green (92%)
- Blue (100%)



- Red (70%)
- Yellow (83%)
- Blue (100%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3487, 76.2204, 105.8228 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 66.3487, 76.2204, 105.8228 by changing the saturation by 10% instead.

66.3487, 76.2204,
105.8228

66.3487, 76.2204,
105.8228

437.0919,
482.1018, 600.1095

48.8243, 56.6133,
80.5283

113.0416,
128.0384, 171.2577

34.6941, 40.6948,
59.6245

142.9408,
161.0181, 212.2352

23.5927, 28.0807,
42.6927

177.6957,
199.2240, 259.2775

15.1549, 18.3865,
29.3145

217.6715,
243.0406, 312.8031

9.0152, 11.2278,
19.0712

263.2337,
292.8523, 373.2306

4.8083, 6.2203,
11.5444

314.7476,

2.1688, 2.9795,

349.0435, 440.9785

6.3155

372.5786,
411.9985, 516.4653

0.7262, 1.1210,
2.9660

0.0000, 0.0000,
1.0773

66.3487, 76.2204,
105.8228

66.3487, 76.2204,
105.8228

59.1067, 69.6908,
104.9441

74.7570, 83.4626,
106.7775

52.9640, 63.8323,
104.1371

84.3818, 91.4388,
107.8098

47.8557, 58.6124,
103.3988

95.0500, 100.0000,
108.9000

43.7075, 53.9913,
102.7255

■ 40.4343, 49.9242,
102.1130

■ 37.9350, 46.3574,
101.5562

■ 36.0480, 43.2066,
101.0475

■ 36.0134, 43.1468,
101.0378

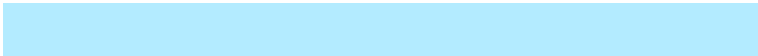
Harmonies

Analogous

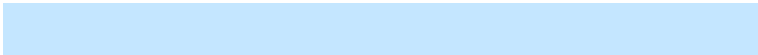
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.7181, 76.2204, 92.5432



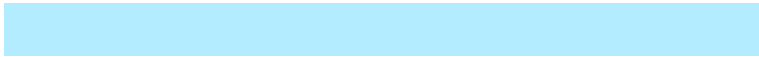
66.3487, 76.2204, 105.8228



70.6922, 76.2204, 113.2479

Triad

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



66.3487, 76.2204, 105.8228



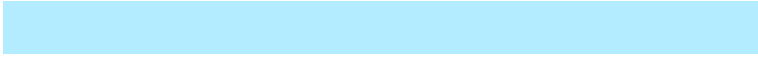
82.3567, 76.2204, 88.1560



69.2776, 76.2204, 59.5552

Complementary

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



66.3487, 76.2204, 105.8228



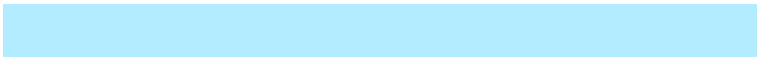
69.8001, 65.3610, 51.5866

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.



74.2269, 76.2204, 58.6692



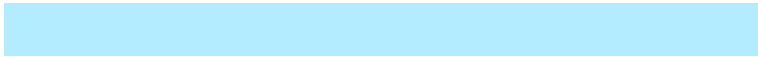
66.3487, 76.2204, 105.8228



81.9349, 76.2204, 74.1200

Square

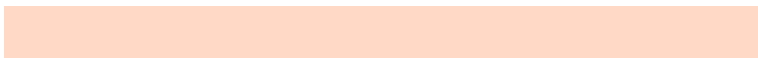
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



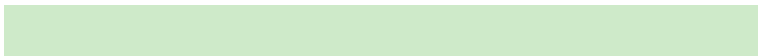
66.3487, 76.2204, 105.8228



80.0314, 76.2204, 102.2938



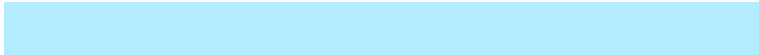
78.9042, 76.2204, 63.7049



65.3543, 76.2204, 66.2834

Rectangle

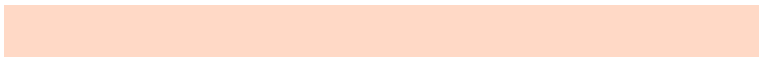
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.3487, 76.2204, 105.8228



74.0422, 76.2204, 113.3610



78.9042, 76.2204, 63.7049



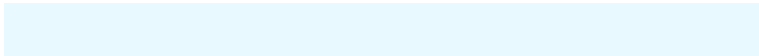
70.8714, 76.2204, 58.5963

Sweetspot

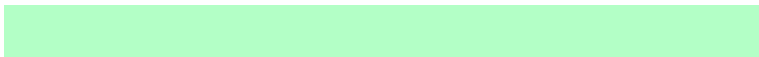
The Sweet Spot groups the original color and five complimentary colors.



66.3508, 76.2233, 105.8233



85.2088, 92.1118, 107.8961



64.5445, 85.1814, 66.4673



17.9186, 19.4554, 23.0608



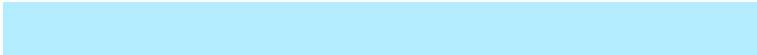
0.0000, 0.0000, 0.0000



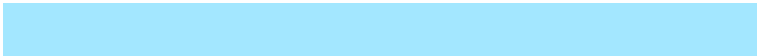
20.3446, 21.4041, 23.3091

Same Dimension

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



66.3508, 76.2233, 105.8233



61.7282, 72.0936, 105.2698



56.8358, 57.1933, 102.6516



18.1267, 19.6251, 23.0826



18.9461, 22.8018, 52.8372



1.9339, 2.3985, 5.1743

Inverse Universe

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



72.3568, 59.4999, 86.2717



68.7749, 53.2863, 82.1482



79.3727, 84.5062, 54.7774



18.5766, 18.2140, 21.6536



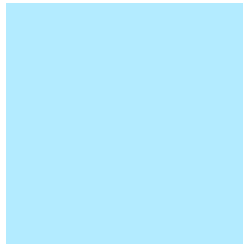
26.3513, 13.0298, 26.2983



2.6108, 1.2867, 2.7976

Previews

White Background



This preview shows how the XYZ color 66.3487, 76.2204, 105.8228 looks on a white background.

Color Contrast Check

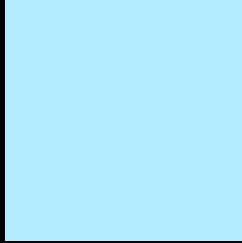
Large Text (above 18pt) WCAG AA × Fail

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 66.3487, 76.2204, 105.8228 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 66.3487, 76.2204, 105.8228

Background



This preview shows how black text looks on a background with the XYZ color 66.3487, 76.2204, 105.8228.

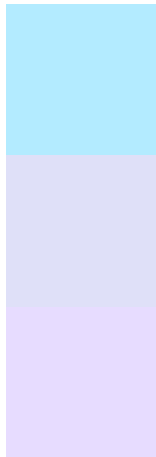


This preview shows how white text looks on a background with the XYZ color 66.3487, 76.2204,

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

66.3487, 76.2204, 105.8228

Protanopia

74.0304, 75.7766, 99.5315

Deuteranopia

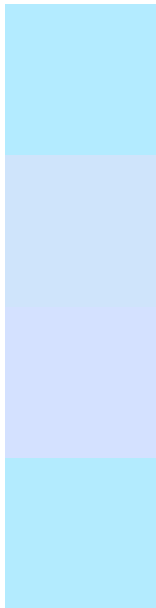
76.5982, 75.3953, 105.1233



Tritanopia

66.1881, 76.1561, 104.9770

Trichromacy



Original Color

66.3487, 76.2204, 105.8228

Protanomaly

70.8881, 75.7172, 102.1455

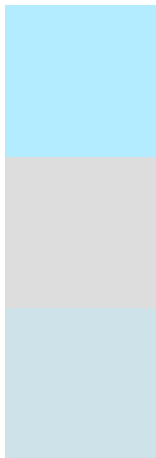
Deuteranomaly

72.1266, 75.0675, 105.2957

Tritanomaly

66.1881, 76.1561, 104.9770

Monochromacy



Original Color

66.3487, 76.2204, 105.8228

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.3579, 73.3977, 87.7078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3487, 76.2204, 105.8228 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(179, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 235, 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(179, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.3487, 76.2204, 105.8228 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(179, 235, 255) }
```


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

```
.border{ border-color:rgb(179, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3487, 76.2204, 105.8228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 235, 255) }
```

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

```
.background{ background-color: rgb(179,  
235, 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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