

Converting Colors

XYZ(74.1315, 100.0000,
107.5267)

Have a look what the booklet for
XYZ(74.1315, 100.0000, 107.5267)
contains.

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Color

**XYZ(66.8483, 85.5168,
105.0786)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFFFC
RGB	155, 255, 252
RGB Percent	61%, 100%, 99%
CMY	0.3921, 0.0000, 0.0118
CMYK	0.39, 0.00, 0.01, 0.00
HSL	178°, 100%, 80%
HSV	178°, 39%, 100%
XYZ	66.8483, 85.5168, 105.0786
YIQ	224.7580, -58.6370, -22.1330

Conversions

Conversions Part 2

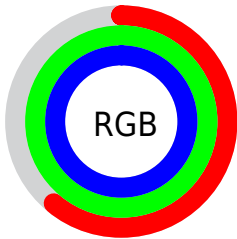
Format	Color
RYB	155, 206, 255
Decimal	10223612
CIELab	94.11, -29.94, -7.81
CIELCh	94, 30.941, 194.613
Yxy	85.5168, 0.2597, 0.3322
Android (android.graphics.Color)	4288413692 (0xFF9BFFFC)
YUV	224.7580, 13.4303, -61.1778
Hunter-Lab	92.4753, -32.7981, -2.6378

Details

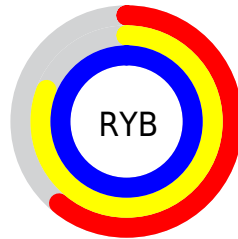
The XYZ color **66.8483, 85.5168, 105.0786** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.1339, 47.1730, 38.3376**, and the grayscale version is **71.3314, 75.0462, 81.7253**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **34.9742, 46.8697, 58.8332** is the 20% darker color. If you saturate the color by 10%, you get **62.3401, 83.2068, 104.2378**, and if you desaturate by 10%, it is **72.3925, 88.3609, 105.9734**.

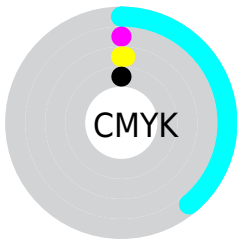
Distribution



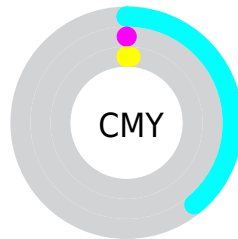
- Red (61%)
- Green (100%)
- Blue (99%)



- Red (61%)
- Yellow (81%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8483, 85.5168, 105.0786 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 66.8483, 85.5168, 105.0786 by changing the saturation by 10% instead.

66.8483, 85.5168,
105.0786

66.8483, 85.5168,
105.0786

438.8456,
513.3366, 597.7405

49.2316, 64.2685,
79.9082

113.7540,
141.0950, 170.2315

35.0185, 46.8682,
59.1171

143.7737,
176.1937, 211.0511

23.8437, 32.9314,
42.2867

178.6585,
216.6779, 257.9242

15.3418, 22.0739,
28.9986

218.7737,
262.9321, 311.2693

9.1475, 13.9112,
18.8342

264.4846,
315.3407, 371.5049

4.8954, 8.0590,
11.3750

316.1567,

2.2202, 4.1327,

374.2880, 439.0496

6.2023

374.1552,
440.1585, 514.3220

■ 0.7533, 1.7481,
2.8977

■ 0.0000, 0.4545,
1.0426

■ 66.8483, 85.5168,
105.0786

■ 66.8483, 85.5168,
105.0786

■ 62.3401, 83.2068,
104.2378

■ 72.3925, 88.3609,
105.9734

■ 58.7990, 81.3952,
103.4433

■ 79.0292, 91.7682,
106.9203

■ 56.1530, 80.0449,
102.6933

■ 86.8149, 95.7677,
107.9236

■ 54.3185, 79.1130,
101.9838

95.0500, 100.0000,
108.9000

■ 53.1965, 78.5484,
101.3101

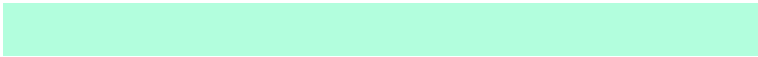
■ 52.6376, 78.2739,
100.6654

■ 52.6032, 78.2573,
100.6152

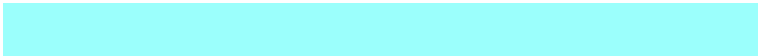
Harmonies

Analogous

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



66.8971, 85.5168, 81.5481



66.8483, 85.5168, 105.0786



70.4816, 85.5168, 128.8884

Triad

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



66.8483, 85.5168, 105.0786



92.9650, 85.5168, 129.4288



85.5725, 85.5168, 55.7536

Complementary

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



66.8483, 85.5168, 105.0786



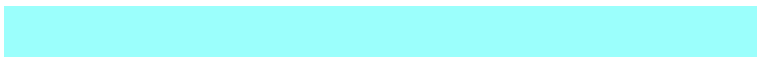
59.1339, 47.1730, 38.3376

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.



93.1310, 85.5168, 64.6584



66.8483, 85.5168, 105.0786



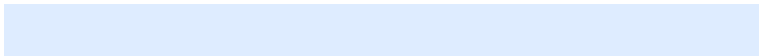
97.5921, 85.5168, 105.7233

Square

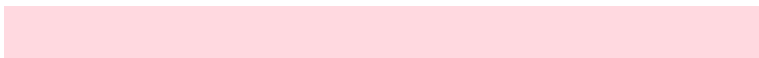
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.8483, 85.5168, 105.0786



85.3583, 85.5168, 144.4820



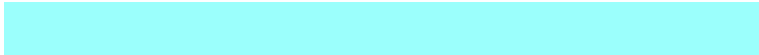
97.6549, 85.5168, 82.0926



77.3360, 85.5168, 55.6407

Rectangle

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



66.8483, 85.5168, 105.0786



74.6544, 85.5168, 140.5988



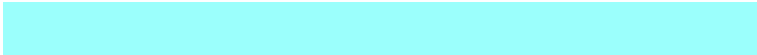
97.6549, 85.5168, 82.0926



88.2889, 85.5168, 57.7407

Sweetspot

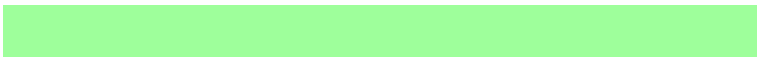
The Sweet Spot groups the original color and five complimentary colors.



66.8494, 85.5174, 105.0801



84.5272, 94.5923, 107.6383



55.8439, 81.1901, 43.7404



17.8695, 20.1322, 23.0107



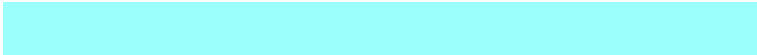
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



66.8494, 85.5174, 105.0801



63.2526, 83.6740, 104.4200



54.2062, 59.4646, 103.2286



18.5300, 20.4715, 23.0937



27.4969, 40.8953, 52.6292



2.6844, 3.9847, 5.1619

Inverse Universe

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



59.1339, 47.1730, 38.3376



54.5664, 40.4864, 29.2667



68.1998, 65.7127, 40.1017



18.0315, 17.9959, 18.7828



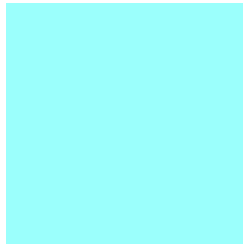
21.5802, 11.1214, 1.1739



2.1086, 1.0858, 0.1533

Previews

White Background



This preview shows how the XYZ color 66.8483, 85.5168, 105.0786 looks on a white background.

Color Contrast Check

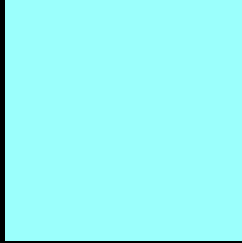
Large Text (above 18pt) WCAG AA × Fail

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 66.8483, 85.5168, 105.0786 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 66.8483, 85.5168, 105.0786

Background



This preview shows how black text looks on a background with the XYZ color 66.8483, 85.5168, 105.0786.

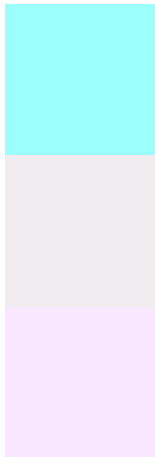


This preview shows how white text looks on a background with the XYZ color 66.8483, 85.5168,

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

66.8483, 85.5168, 105.0786

Protanopia

81.6588, 84.8074, 94.5037

Deuteranopia

85.6928, 84.5116, 106.4036



Tritanopia

75.3025, 84.7587, 106.9989

Trichromacy



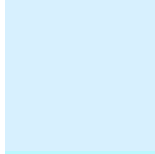
Original Color

66.8483, 85.5168, 105.0786



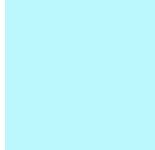
Protanomaly

74.6742, 84.1881, 97.9021



Deuteranomaly

77.0738, 83.9230, 105.9025



Tritanomaly

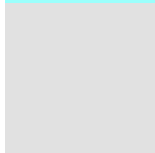
71.7065, 84.7297, 106.3411

Monochromacy



Original Color

66.8483, 85.5168, 105.0786



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

68.8103, 78.2684, 90.0779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8483, 85.5168, 105.0786 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(155, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 252)  
}
```

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(155, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 252) }
```

Border

The CSS property to change the border of an element to XYZ 66.8483, 85.5168, 105.0786 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(155, 255, 252) }
```


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

```
.border{ border-color:rgb(155, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8483, 85.5168, 105.0786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 252) }
```

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

```
.background{ background-color: rgb(155,  
255, 252) }
```

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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