

Converting Colors

XYZ(67.1254, 83.4006,
107.1678)

Have a look what the booklet for
XYZ(67.1254, 83.4006, 107.1678)
contains.

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Color

**XYZ(67.1359, 83.2726,
107.1425)**

Conversions

Conversions Part 1

Format	Color
Hex	A2FAFF
RGB	162, 250, 255
RGB Percent	64%, 98%, 100%
CMY	0.3647, 0.0196, 0.0000
CMYK	0.36, 0.02, 0.00, 0.00
HSL	183°, 100%, 82%
HSV	183°, 36%, 100%
XYZ	67.1359, 83.2726, 107.1425
YIQ	224.2580, -54.0530, -17.1010

Conversions

Conversions Part 2

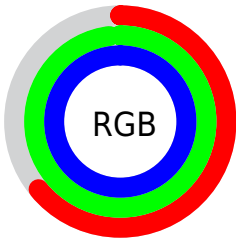
Format	Color
RYB	162, 207, 255
Decimal	10681087
CIELab	93.13, -25.11, -10.77
CIELCh	93, 27.325, 203.206
Yxy	83.2726, 0.2607, 0.3233
Android (android.graphics.Color)	4288871167 (0xFFA2FAFF)
YUV	224.2580, 15.1558, -54.6003
Hunter-Lab	91.2538, -28.3708, -5.7356

Details

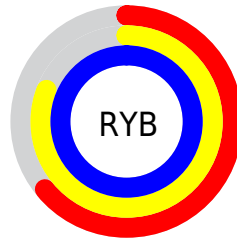
The XYZ color **67.1359, 83.2726, 107.1425** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **61.5806, 51.5061, 40.8804**, and the grayscale version is **70.9606, 74.6561, 81.3005**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **35.0887, 45.2204, 60.3051** is the 20% darker color. If you saturate the color by 10%, you get **62.0483, 80.0223, 106.7833**, and if you desaturate by 10%, it is **73.2813, 87.0769, 107.5529**.

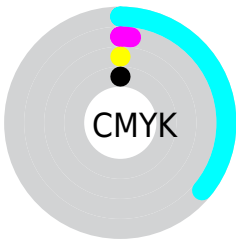
Distribution



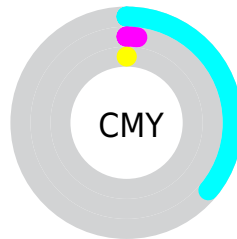
- Red (64%)
- Green (98%)
- Blue (100%)



- Red (64%)
- Yellow (81%)
- Blue (100%)



- Cyan (36%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1359, 83.2726, 107.1425 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 67.1359, 83.2726, 107.1425 by changing the saturation by 10% instead.

67.1359, 83.2726,
107.1425

67.1359, 83.2726,
107.1425

439.8532,
505.8946, 604.2986

49.4662, 62.4151,
81.6288

114.1638,
137.9572, 173.0757

35.2055, 45.3682,
60.5256

144.2528,
172.5530, 214.3322

23.9885, 31.7475,
43.4143

179.2122,
212.4971, 261.6734

15.4498, 21.1687,
29.8765

219.4073,
258.1738, 315.5179

9.2240, 13.2474,
19.4936

265.2037,
309.9675, 376.2841

4.9459, 7.5991,
11.8471

316.9665,

2.2500, 3.8395,

368.2626, 444.3906

6.5184

375.0613,
433.4435, 520.2559

■ 0.7689, 1.5842,
3.0889

■ 0.0000, 0.3469,
1.1402

■ 67.1359, 83.2726,
107.1425

■ 67.1359, 83.2726,
107.1425

■ 62.0483, 80.0223,
106.7833

■ 73.2813, 87.0769,
107.5529

■ 57.9479, 77.2834,
106.4708

■ 80.5363, 91.4558,
108.0158

■ 54.7661, 75.0226,
106.2021

■ 88.9574, 96.4404,
108.5341

■ 52.4227, 73.1987,
105.9735

95.0500, 100.0000,
108.9000

■ 50.8235, 71.7629,
105.7807

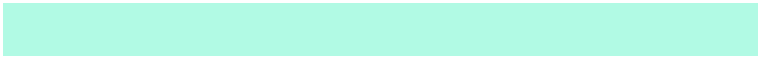
■ 49.8510, 70.6548,
105.6181

■ 49.5947, 70.3095,
105.5649

Harmonies

Analogous

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



66.2269, 83.2726, 86.0764



67.1359, 83.2726, 107.1425



71.1711, 83.2726, 126.1237

Triad

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



67.1359, 83.2726, 107.1425



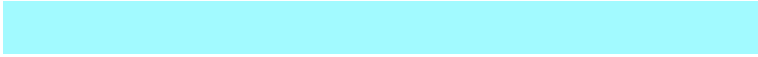
90.7151, 83.2726, 116.4465



80.7911, 83.2726, 56.8297

Complementary

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



67.1359, 83.2726, 107.1425



61.5806, 51.5061, 40.8804

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.



87.7000, 83.2726, 62.5730



67.1359, 83.2726, 107.1425



93.6493, 83.2726, 95.4236

Square

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



67.1359, 83.2726, 107.1425



84.7083, 83.2726, 132.0371



92.5139, 83.2726, 75.9783



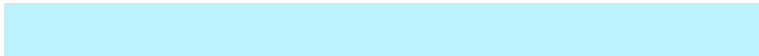
73.8367, 83.2726, 58.9941

Rectangle

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



67.1359, 83.2726, 107.1425



75.2294, 83.2726, 133.9880



92.5139, 83.2726, 75.9783



83.2006, 83.2726, 57.8667

Sweetspot

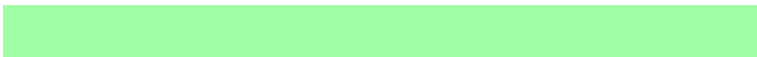
The Sweet Spot groups the original color and five complimentary colors.



67.1381, 83.2758, 107.1430



84.9940, 94.1051, 108.2922



57.6042, 81.9790, 49.1792



17.9486, 19.9981, 23.1640



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

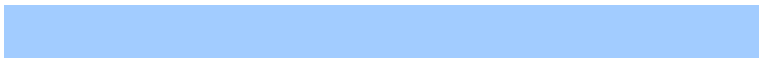
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.1381, 83.2758, 107.1430



63.2104, 80.7764, 106.8676



54.5089, 58.0173, 102.9333



18.4664, 20.3043, 23.1958



25.9506, 36.8108, 55.1720



2.5513, 3.6332, 5.3801

Inverse Universe

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



71.4171, 54.0045, 97.1059



68.1271, 47.6828, 95.2133



71.5944, 71.5337, 44.2183



18.7480, 18.2825, 22.5563



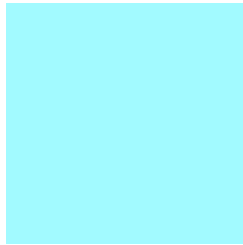
29.8869, 14.4440, 44.9161



2.9224, 1.4113, 4.4386

Previews

White Background



This preview shows how the XYZ color 67.1359, 83.2726, 107.1425 looks on a white background.

Color Contrast Check

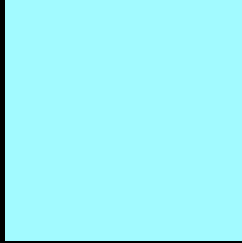
Large Text (above 18pt) WCAG AA × Fail

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 67.1359, 83.2726, 107.1425 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 67.1359, 83.2726, 107.1425

Background



This preview shows how black text looks on a background with the XYZ color 67.1359, 83.2726, 107.1425.

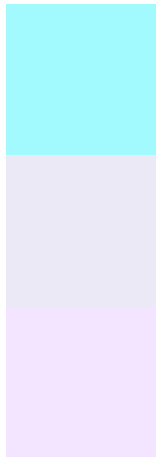


This preview shows how white text looks on a background with the XYZ color 67.1359, 83.2726,

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

67.1359, 83.2726, 107.1425

Protanopia

79.8813, 82.5326, 98.1064

Deuteranopia

83.0315, 82.3133, 106.1196



Tritanopia

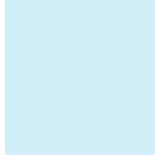
73.1265, 83.1915, 106.8111

Trichromacy



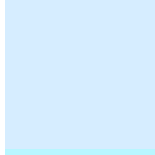
Original Color

67.1359, 83.2726, 107.1425



Protanomaly

73.9778, 81.9825, 101.5477



Deuteranomaly

76.0657, 82.0845, 106.4425



Tritanomaly

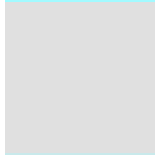
70.7729, 83.3219, 106.9603

Monochromacy



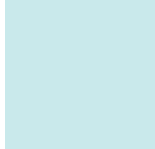
Original Color

67.1359, 83.2726, 107.1425



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

68.2217, 76.6935, 89.8049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1359, 83.2726, 107.1425 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(162, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 250, 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(162, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.1359, 83.2726, 107.1425 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(162, 250, 255) }
```


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

```
.border{ border-color:rgb(162, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1359, 83.2726, 107.1425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 250, 255) }
```

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

```
.background{ background-color: rgb(162,  
250, 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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