

Converting Colors

XYZ(67.3031, 82.0930,
102.7018)

Have a look what the booklet for
XYZ(67.3031, 82.0930, 102.7018)
contains.

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Color

**XYZ(67.3107, 82.0816,
102.7382)**

Conversions

Conversions Part 1

Format	Color
Hex	ABF7FA
RGB	171, 247, 250
RGB Percent	67%, 97%, 98%
CMY	0.3294, 0.0314, 0.0196
CMYK	0.32, 0.01, 0.00, 0.02
HSL	182°, 89%, 83%
HSV	182°, 32%, 98%
XYZ	67.3107, 82.0816, 102.7382
YIQ	224.6180, -46.2590, -15.1790

Conversions

Conversions Part 2

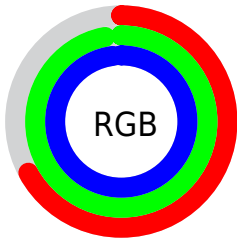
Format	Color
RYB	171, 210, 250
Decimal	11270138
CIELab	92.61, -22.47, -8.90
CIElCh	93, 24.175, 201.613
Yxy	82.0816, 0.2670, 0.3256
Android (android.graphics.Color)	4289460218 (0xFFABF7FA)
YUV	224.6180, 12.5133, -47.0230
Hunter-Lab	90.5989, -25.9310, -3.8150

Details

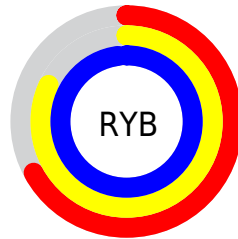
The XYZ color **67.3107, 82.0816, 102.7382** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **61.9122, 53.5372, 45.6005**, and the grayscale version is **71.2327, 74.9424, 81.6122**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **35.2213, 44.3668, 57.7462** is the 20% darker color. If you saturate the color by 10%, you get **62.0831, 78.9592, 102.4124**, and if you desaturate by 10%, it is **73.5745, 85.7444, 103.1164**.

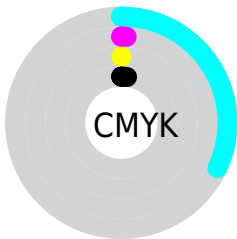
Distribution



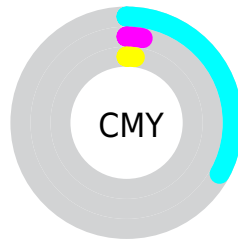
- Red (67%)
- Green (97%)
- Blue (98%)



- Red (67%)
- Yellow (82%)
- Blue (98%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (33%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3107, 82.0816, 102.7382 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 67.3107, 82.0816, 102.7382 by changing the saturation by 10% instead.

67.3107, 82.0816,
102.7382

67.3107, 82.0816,
102.7382

440.4650,
501.9206, 590.2579

49.6088, 61.4328,
77.9597

114.4128,
136.2884, 166.9996

35.3192, 44.5745,
57.5246

144.5438,
170.6152, 207.3196

24.0765, 31.1224,
41.0144

179.5484,
210.2702, 253.6572

15.5154, 20.6921,
28.0106

219.7922,
255.6376, 306.4309

9.2706, 12.8991,
18.0945

265.6404,
307.1020, 366.0593

4.9766, 7.3591,
10.8477

317.4583,

2.2682, 3.6877,

365.0477, 432.9609

5.8517

375.6114,
429.8591, 507.5542

■ 0.7783, 1.5004,
2.6878

■ 0.0000, 0.2890,
0.9373

■ 67.3107, 82.0816,
102.7382

■ 67.3107, 82.0816,
102.7382

■ 62.0831, 78.9592,
102.4124

■ 73.5745, 85.7444,
103.1164

■ 57.8262, 76.3373,
102.1307

■ 80.9209, 89.9655,
103.5440

■ 54.4783, 74.1863,
101.8920

■ 89.4021, 94.7739,
104.0251

■ 51.9680, 72.4692,
101.6929

■ 92.9299, 97.0308,
104.2748

■ 50.2126, 71.1435,
101.5295

■ 93.2266, 97.6243,
104.3737

■ 49.1131, 70.1580,
101.3972

■ 93.5248, 98.2207,
104.4731

■ 48.5680, 69.5270,
101.3042

■ 93.8246, 98.8202,
104.5730

■ 94.1258, 99.4226,
104.6734

■ 94.2556, 99.6822,
104.7167

Harmonies

Analogous

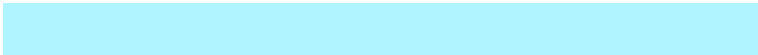
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.6598, 82.0816, 84.4189



67.3107, 82.0816, 102.7382



70.7492, 82.0816, 119.3421

Triad

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



67.3107, 82.0816, 102.7382



87.8781, 82.0816, 112.6356



79.7922, 82.0816, 59.3170

Complementary

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



67.3107, 82.0816, 102.7382



61.9122, 53.5372, 45.6005

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.



85.7643, 82.0816, 64.8946



67.3107, 82.0816, 102.7382



90.5940, 82.0816, 94.5170

Square

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



67.3107, 82.0816, 102.7382



82.5530, 82.0816, 125.5692



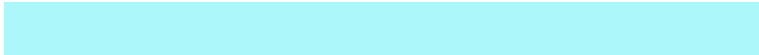
89.8004, 82.0816, 77.2201



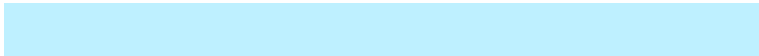
73.6485, 82.0816, 60.9010

Rectangle

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



67.3107, 82.0816, 102.7382



74.2656, 82.0816, 126.4073



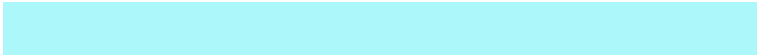
89.8004, 82.0816, 77.2201



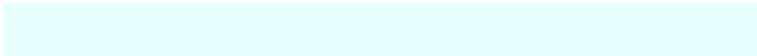
81.8908, 82.0816, 60.3863

Sweetspot

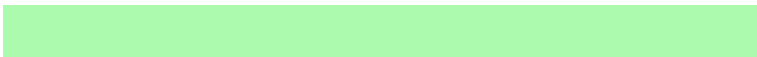
The Sweet Spot groups the original color and five complimentary colors.



67.3131, 82.0849, 102.7401



86.8278, 95.3499, 108.4358



58.5861, 80.0725, 52.2268



18.3200, 20.2581, 23.1946



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

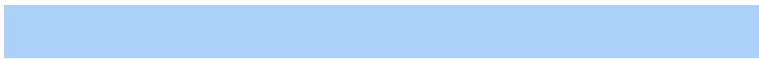
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.3131, 82.0849, 102.7401



66.7686, 83.6960, 107.2436



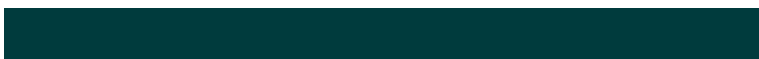
56.5750, 60.6087, 99.1607



17.7061, 19.4889, 22.2138



25.7868, 36.9292, 53.7425



2.4054, 3.4545, 4.9832

Inverse Universe

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



70.7778, 56.1672, 95.1103



70.9476, 52.7333, 97.9737



70.6045, 70.9217, 48.4979



17.9629, 17.5125, 21.6605



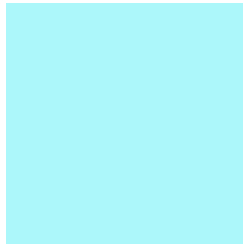
29.3080, 14.1389, 45.1919



2.7231, 1.3130, 4.2310

Previews

White Background



This preview shows how the XYZ color 67.3107, 82.0816, 102.7382 looks on a white background.

Color Contrast Check

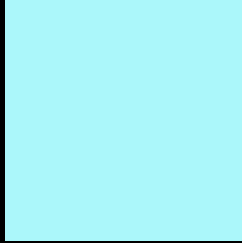
Large Text (above 18pt) WCAG AA × Fail

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 67.3107, 82.0816, 102.7382 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 67.3107, 82.0816, 102.7382

Background



This preview shows how black text looks on a background with the XYZ color 67.3107, 82.0816, 102.7382.

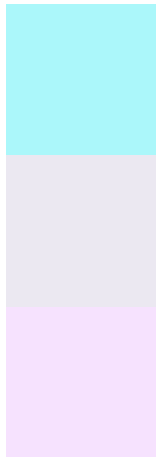


This preview shows how white text looks on a background with the XYZ color 67.3107, 82.0816,

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

67.3107, 82.0816, 102.7382

Protanopia

78.9947, 81.7263, 94.8304

Deuteranopia

83.0918, 81.1413, 105.0484



Tritanopia

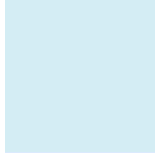
72.0110, 81.7327, 106.5883

Trichromacy



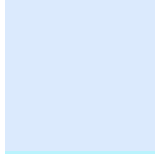
Original Color

67.3107, 82.0816, 102.7382



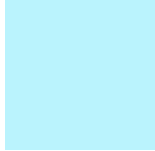
Protanomaly

73.7647, 81.0971, 97.3534



Deuteranomaly

76.3659, 80.9976, 104.5377



Tritanomaly

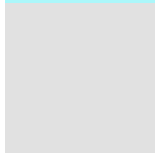
70.0299, 81.6321, 104.9941

Monochromacy



Original Color

67.3107, 82.0816, 102.7382



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.1670, 77.1975, 89.0970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3107, 82.0816, 102.7382 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(171, 247, 250)` looks like.

```
.text, #text, p{  
    color:rgb(171, 247, 250)  
}
```

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(171, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 247, 250) }
```

Border

The CSS property to change the border of an element to XYZ 67.3107, 82.0816, 102.7382 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(171, 247, 250) }
```


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

```
.border{ border-color:rgb(171, 247, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 247, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 247, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 247, 250); box-shadow:4px 4px 4px 4px rgb(171, 247, 250) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3107, 82.0816, 102.7382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 247, 250) }
```

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

```
.background{ background-color: rgb(171,  
247, 250) }
```

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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