

Converting Colors

XYZ(74.1202, 100.0000,
84.5967)

Have a look what the booklet for
XYZ(74.1202, 100.0000, 84.5967)
contains.

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Color

**XYZ(67.3049, 86.2589,
82.2095)**

Conversions

Conversions Part 1

Format	Color
Hex	B2FFDE
RGB	178, 255, 222
RGB Percent	70%, 100%, 87%
CMY	0.3020, 0.0000, 0.1294
CMYK	0.30, 0.00, 0.13, 0.00
HSL	154°, 100%, 85%
HSV	154°, 30%, 100%
XYZ	67.3049, 86.2589, 82.2095
YIQ	228.2150, -35.2990, -26.5870

Conversions

Conversions Part 2

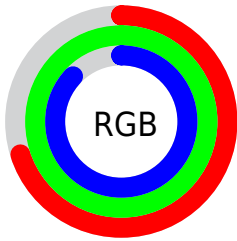
Format	Color
RYB	178, 227, 255
Decimal	11730910
CIELab	94.42, -30.30, 8.27
CIELCh	94, 31.406, 164.738
Yxy	86.2589, 0.2855, 0.3659
Android (android.graphics.Color)	4289920990 (0xFFB2FFDE)
YUV	228.2150, -3.0640, -44.0386
Hunter-Lab	92.8757, -33.1775, 12.5320

Details

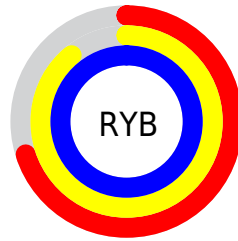
The XYZ color **67.3049, 86.2589, 82.2095** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.9188, 57.8049, 69.1533**, and the grayscale version is **73.9402, 77.7908, 84.7142**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **35.3375, 47.3891, 43.8438** is the 20% darker color. If you saturate the color by 10%, you get **60.5702, 82.9508, 74.4952**, and if you desaturate by 10%, it is **75.2236, 90.1664, 90.4777**.

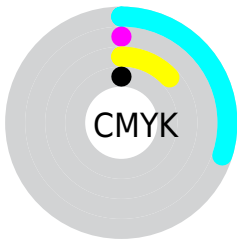
Distribution



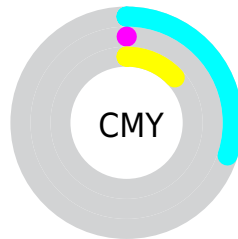
- Red (70%)
- Green (100%)
- Blue (87%)



- Red (70%)
- Yellow (89%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3049, 86.2589, 82.2095 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 67.3049, 86.2589, 82.2095 by changing the saturation by 10% instead.


 67.3049, 86.2589,
82.2095

 67.3049, 86.2589,
82.2095


440.4447,
515.7845, 522.2500

 49.6041, 64.8821,
61.0014


 114.4046,
142.1307, 138.3071

 35.3154, 47.3655,
43.7957


144.5341,
177.3945, 174.0336

 24.0736, 33.3247,
30.1740


179.5373,
218.0561, 215.4368

 15.5132, 22.3753,
19.7175

219.7794,
264.4998, 262.9350

 9.2690, 14.1329,
12.0078

265.6259,
317.1102, 316.9469

 4.9756, 8.2132,
6.6264

317.4420,

 2.2676, 4.2316,

376.2715, 377.8911

3.1547

375.5932,
442.3681, 446.1859

0.7780, 1.8040,
1.1742

0.0000, 0.4896,
0.0000

67.3049, 86.2589,
82.2095

67.3049, 86.2589,
82.2095

60.5702, 82.9508,
74.4952

75.2236, 90.1664,
90.4777

54.9551, 80.2091,
67.3182

84.3815, 94.7015,
99.3071

50.3922, 77.9994,
60.6672

94.8328, 99.8920,
108.7107

46.8056, 76.2826,
54.5288

95.0500, 100.0000,
108.9000

■ 44.1087, 75.0143,
48.8887

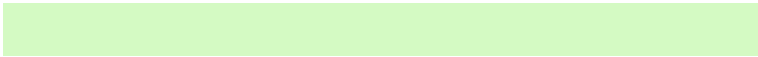
■ 42.1984, 74.1417,
43.7315

■ 40.9263, 73.5865,
39.1256

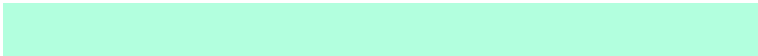
Harmonies

Analogous

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



71.0855, 86.2589, 64.6224



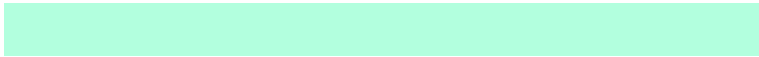
67.3049, 86.2589, 82.2095



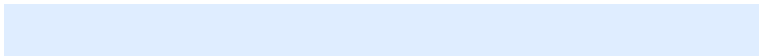
67.2712, 86.2589, 106.2487

Triad

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



67.3049, 86.2589, 82.2095



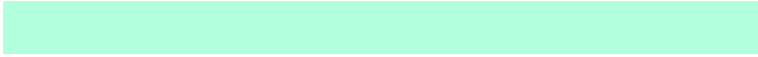
86.1849, 86.2589, 146.4249



94.0637, 86.2589, 64.8572

Complementary

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



67.3049, 86.2589, 82.2095



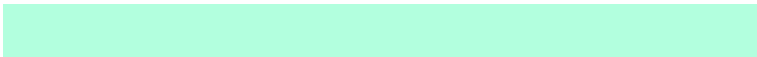
68.9188, 57.8049, 69.1533

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.



98.7050, 86.2589, 82.5863



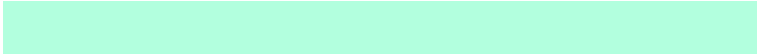
67.3049, 86.2589, 82.2095



93.9486, 86.2589, 130.9578

Square

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



67.3049, 86.2589, 82.2095



77.7880, 86.2589, 146.2768



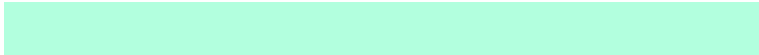
98.6615, 86.2589, 106.6957



86.3334, 86.2589, 55.8380

Rectangle

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



67.3049, 86.2589, 82.2095



69.3597, 86.2589, 122.9742



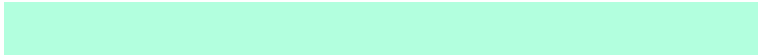
98.6615, 86.2589, 106.6957



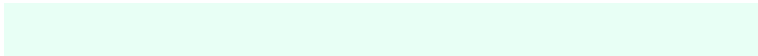
96.0597, 86.2589, 69.8475

Sweetspot

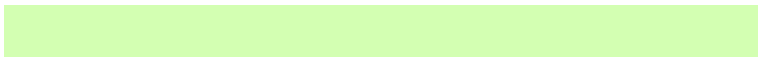
The Sweet Spot groups the original color and five complimentary colors.



67.3057, 86.2593, 82.2109



85.5615, 95.2868, 100.4006



70.7656, 88.6377, 55.4998



18.0067, 20.2430, 21.2052



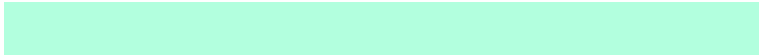
0.0000, 0.0000, 0.0000



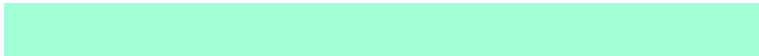
20.3446, 21.4041, 23.3091

Same Dimension

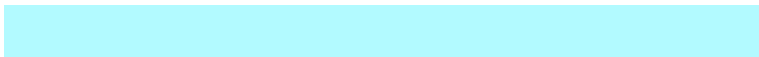
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.3057, 86.2593, 82.2109



63.2558, 84.2679, 77.6657



70.5549, 84.9737, 107.2907



18.2066, 20.3422, 21.3908



21.4612, 38.4811, 20.8459



2.1444, 3.7687, 2.3181

Inverse Universe

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



68.9188, 57.8049, 69.1533



65.0977, 51.8154, 62.7844



66.2376, 58.3974, 49.9014



18.3325, 18.1163, 20.3681



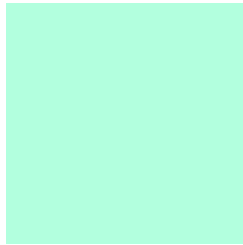
23.0703, 11.7174, 9.0208



2.2997, 1.1623, 1.1596

Previews

White Background



This preview shows how the XYZ color 67.3049, 86.2589, 82.2095 looks on a white background.

Color Contrast Check

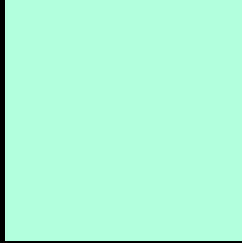
Large Text (above 18pt) WCAG AA × Fail

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 67.3049, 86.2589, 82.2095 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

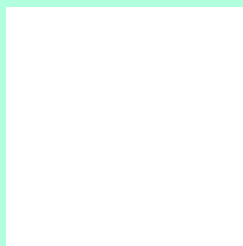
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3049, 86.2589, 82.2095

Background



This preview shows how black text looks on a background with the XYZ color 67.3049, 86.2589, 82.2095.

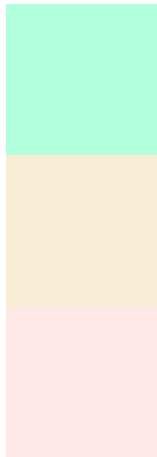


This preview shows how white text looks on a background with the XYZ color 67.3049, 86.2589,

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

67.3049, 86.2589, 82.2095

Protanopia

81.0058, 85.3289, 75.1515

Deuteranopia

84.8027, 85.3073, 87.5977



Tritanopia

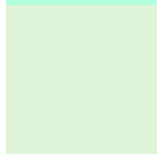
77.8413, 86.0675, 107.1178

Trichromacy



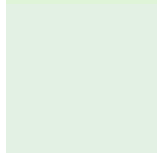
Original Color

67.3049, 86.2589, 82.2095



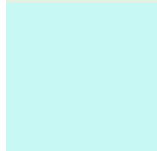
Protanomaly

75.1768, 85.3472, 77.4772



Deuteranomaly

77.1374, 84.8429, 85.7095



Tritanomaly

73.5645, 85.8852, 97.4943

Monochromacy



Original Color

67.3049, 86.2589, 82.2095



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.8803, 80.3417, 83.7232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3049, 86.2589, 82.2095 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(178, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(178, 255, 222)  
}
```

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(178, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 222) }
```

Border

The CSS property to change the border of an element to XYZ 67.3049, 86.2589, 82.2095 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(178, 255, 222) }
```


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

```
.border{ border-color:rgb(178, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(178, 255,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3049, 86.2589, 82.2095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 255, 222) }
```

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

```
.background{ background-color: rgb(178,  
255, 222) }
```

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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