

Converting Colors

XYZ(69.4194, 87.1242, 92.4639)

Have a look what the booklet for
XYZ(69.4194, 87.1242, 92.4639)
contains.

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Color

**XYZ(69.4907, 87.1598,
92.5179)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FFEC
RGB	179, 255, 236
RGB Percent	70%, 100%, 93%
CMY	0.2980, 0.0000, 0.0745
CMYK	0.30, 0.00, 0.07, 0.00
HSL	165°, 100%, 85%
HSV	165°, 30%, 100%
XYZ	69.4907, 87.1598, 92.5179
YIQ	230.1100, -39.1970, -22.0210

Conversions

Conversions Part 2

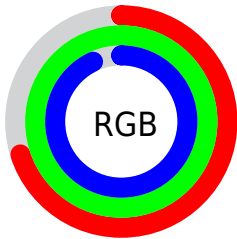
Format	Color
RYB	179, 222, 255
Decimal	11796460
CIELab	94.81, -27.18, 1.61
CIELCh	95, 27.224, 176.602
Yxy	87.1598, 0.2789, 0.3498
Android (android.graphics.Color)	4289986540 (0xFFB3FFEC)
YUV	230.1100, 2.9038, -44.8235
Hunter-Lab	93.3594, -30.5151, 6.5960

Details

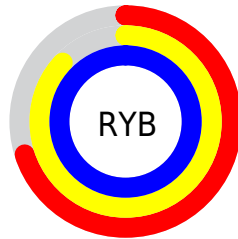
The XYZ color **69.4907, 87.1598, 92.5179** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **67.5538, 57.5785, 60.9798**, and the grayscale version is **75.2950, 79.2162, 86.2665**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **36.7445, 47.9685, 50.5022** is the 20% darker color. If you saturate the color by 10%, you get **63.2226, 84.0336, 87.4767**, and if you desaturate by 10%, it is **76.8835, 90.8620, 97.7871**.

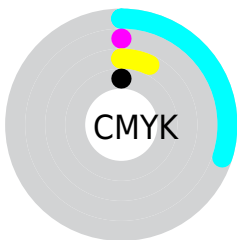
Distribution



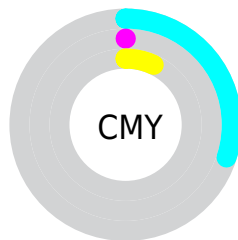
- Red (70%)
- Green (100%)
- Blue (93%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4907, 87.1598, 92.5179 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 69.4907, 87.1598, 92.5179 by changing the saturation by 10% instead.


 69.4907, 87.1598,
92.5179

 69.4907, 87.1598,
92.5179


448.0541,
518.7478, 556.9679

 51.3895, 65.6275,
69.4854


 117.5124,
143.3869, 152.7969

 36.7410, 47.9700,
50.6329


148.1637,
178.8504, 190.8805

 25.1798, 33.8032,
35.5419

183.7290,
219.7264, 234.8183

 16.3405, 22.7424,
23.7937

224.5737,
266.3993, 285.0287

 9.8578, 14.4034,
14.9699

271.0633,
319.2535, 341.9303

 5.3663, 8.4018,
8.6519

323.5629,

 2.5007, 4.3531,

378.6734, 405.9417

4.4211

382.4381,
445.0434, 477.4814

■ 0.8956, 1.8730,
1.8591

■ 0.0000, 0.5321,
0.4665

■ 69.4907, 87.1598,
92.5179

■ 69.4907, 87.1598,
92.5179

■ 63.2226, 84.0336,
87.4767

■ 76.8835, 90.8620,
97.7871


■ 58.0159, 81.4508,
82.6547


■ 85.4541, 95.1675,
103.2844


■ 53.8052, 79.3777,
78.0482


95.0500, 100.0000,
108.9000

■ 50.5165, 77.7762,
73.6521

 48.0653, 76.6028,
69.4604

 46.3508, 75.8055,
65.4667

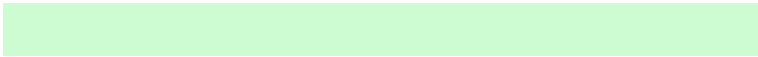
 45.2121, 75.3016,
61.6614

 45.1920, 75.2928,
61.5881

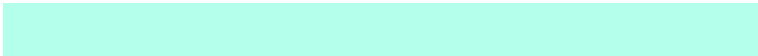
Harmonies

Analogous

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



71.5696, 87.1598, 74.2757



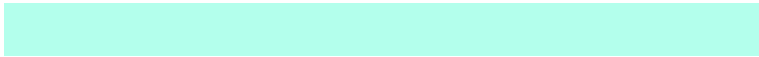
69.4907, 87.1598, 92.5179



70.8107, 87.1598, 114.2538

Triad

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



69.4907, 87.1598, 92.5179



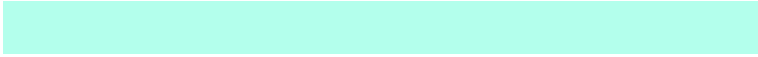
89.3497, 87.1598, 135.9972



90.8879, 87.1598, 64.9003

Complementary

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



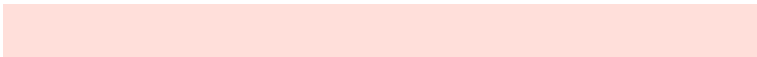
69.4907, 87.1598, 92.5179



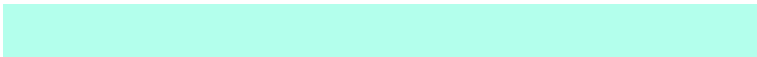
67.5538, 57.5785, 60.9798

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.



96.1660, 87.1598, 77.8692



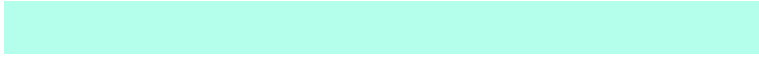
69.4907, 87.1598, 92.5179



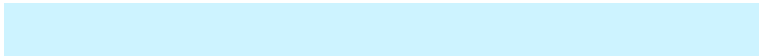
95.2416, 87.1598, 119.0322

Square

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



69.4907, 87.1598, 92.5179



82.0060, 87.1598, 141.4367



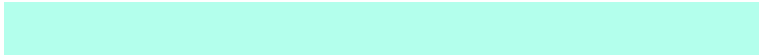
97.8042, 87.1598, 97.3271



83.6852, 87.1598, 59.8901

Rectangle

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



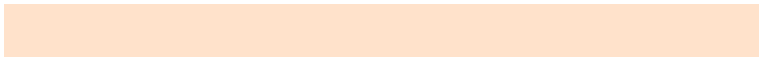
69.4907, 87.1598, 92.5179



73.4858, 87.1598, 127.5392



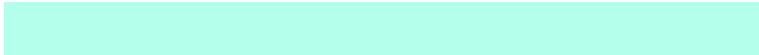
97.8042, 87.1598, 97.3271



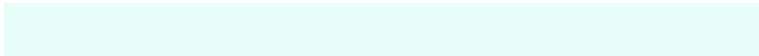
92.9621, 87.1598, 68.3699

Sweetspot

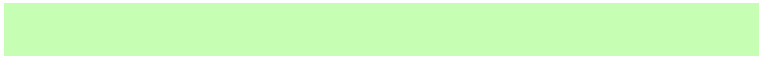
The Sweet Spot groups the original color and five complimentary colors.



69.4916, 87.1603, 92.5194



86.1949, 95.5401, 103.7358



67.1862, 86.7808, 55.8585



18.1632, 20.3056, 22.0289



0.0000, 0.0000, 0.0000



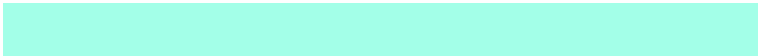
20.3446, 21.4041, 23.3091

Same Dimension

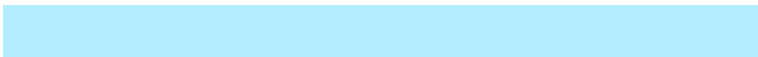
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4916, 87.1603, 92.5194



65.4781, 85.1568, 89.3681



66.6367, 76.7953, 105.9186



18.3494, 20.3993, 22.1430



23.6768, 39.3673, 32.5127



2.3490, 3.8505, 3.3956

Inverse Universe

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



67.5538, 57.5785, 60.9798



63.2515, 51.0770, 53.0623



69.5715, 64.9039, 51.5101



18.1956, 18.0616, 19.6472



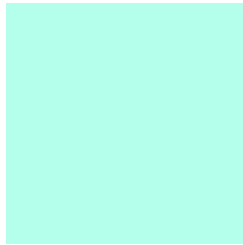
22.0784, 11.3206, 3.7972



2.1912, 1.1188, 0.5882

Previews

White Background



This preview shows how the XYZ color 69.4907, 87.1598, 92.5179 looks on a white background.

Color Contrast Check

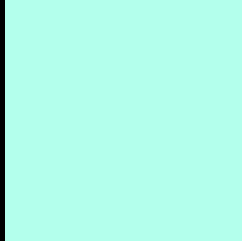
Large Text (above 18pt) WCAG AA × Fail

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 69.4907, 87.1598, 92.5179 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 69.4907, 87.1598, 92.5179

Background



This preview shows how black text looks on a background with the XYZ color 69.4907, 87.1598, 92.5179.



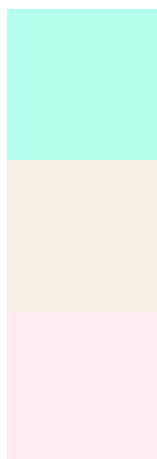
This preview shows how white text looks on a background with the XYZ color 69.4907, 87.1598,

92.5179.

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

69.4907, 87.1598, 92.5179

Protanopia

82.4457, 86.2880, 84.9829

Deuteranopia

86.3910, 86.3969, 94.5611



Tritanopia

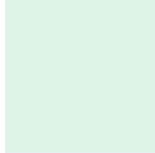
78.7267, 86.9719, 107.2457

Trichromacy



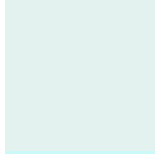
Original Color

69.4907, 87.1598, 92.5179



Protanomaly

76.7578, 85.9441, 87.4062



Deuteranomaly

79.0107, 86.0671, 94.1097



Tritanomaly

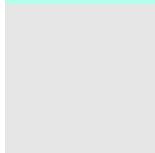
75.1761, 87.0852, 101.6539

Monochromacy



Original Color

69.4907, 87.1598, 92.5179



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

72.2960, 81.4081, 88.2469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4907, 87.1598, 92.5179 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, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 236)  
}
```

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, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 69.4907, 87.1598, 92.5179 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, 255, 236) }
```


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

```
.border{ border-color:rgb(179, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4907, 87.1598, 92.5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 236) }
```

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

```
.background{ background-color: rgb(179,  
255, 236) }
```

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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