

Converting Colors

XYZ(67.4192, 82.2794, 96.3326)

Have a look what the booklet for
XYZ(67.4192, 82.2794, 96.3326)
contains.

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Color

**XYZ(67.4192, 82.2794,
96.3326)**

Conversions

Conversions Part 1

Format	Color
Hex	B1F7F2
RGB	177, 247, 242
RGB Percent	69%, 97%, 95%
CMY	0.3059, 0.0314, 0.0510
CMYK	0.28, 0.00, 0.02, 0.03
HSL	176°, 81%, 83%
HSV	176°, 28%, 97%
XYZ	67.4192, 82.2794, 96.3326
YIQ	225.5000, -40.1150, -16.3950

Conversions

Conversions Part 2

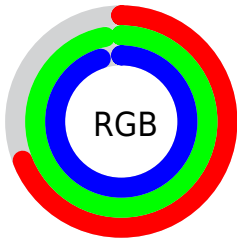
Format	Color
R _Y B	177, 213, 247
Decimal	11663346
CIE Lab	92.70, -22.61, -4.59
CIE LCh	93, 23.072, 191.474
Yxy	82.2794, 0.2740, 0.3344
Android (android.graphics.Color)	4289853426 (0xFFB1F7F2)
YUV	225.5000, 8.1345, -42.5345
Hunter-Lab	90.7080, -26.0679, 0.5292

Details

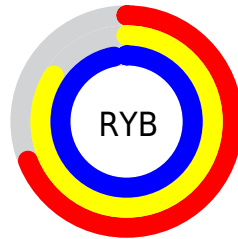
The XYZ color **67.4192, 82.2794, 96.3326** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.5262, 54.5981, 51.5021**, and the grayscale version is **71.8937, 75.6378, 82.3695**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **35.3024, 44.5097, 53.1850** is the 20% darker color. If you saturate the color by 10%, you get **62.0311, 79.5343, 94.7047**, and if you desaturate by 10%, it is **73.8329, 85.5571, 98.0254**.

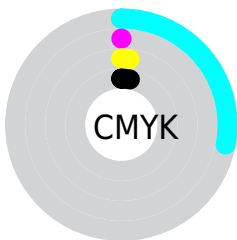
Distribution



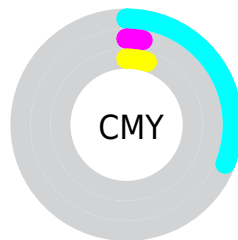
- Red (69%)
- Green (97%)
- Blue (95%)



- Red (69%)
- Yellow (84%)
- Blue (97%)



- Cyan (28%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (31%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4192, 82.2794, 96.3326 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 67.4192, 82.2794, 96.3326 by changing the saturation by 10% instead.

67.4192, 82.2794,
96.3326

67.4192, 82.2794,
96.3326

440.8445,
502.5818, 569.5154

49.6973, 61.5959,
72.6416

114.5674,
136.5657, 158.1157

35.3898, 44.7062,
53.1929

144.7244,
170.9373, 197.0450

24.1312, 31.2261,
37.5680

179.7571,
210.6404, 241.8907

15.5562, 20.7711,
25.3484

220.0310,
256.0594, 293.0714

9.2995, 12.9568,
16.1154

265.9113,
307.5786, 351.0057

4.9957, 7.3988,
9.4506

317.7634,

2.2795, 3.7127,

365.5825, 416.1121

4.9354

375.9527,
430.4554, 488.8091

■ 0.7841, 1.5142,
2.1514

■ 0.0000, 0.2987,
0.6461

■ 67.4192, 82.2794,
96.3326

■ 67.4192, 82.2794,
96.3326

■ 62.0311, 79.5343,
94.7047

■ 73.8329, 85.5571,
98.0254

■ 57.6065, 77.2835,
93.1334


■ 81.3158, 89.3836,
99.7799

■ 54.0875, 75.4994,
91.6178


■ 89.9179, 93.7868,
101.6001


■ 51.4074, 74.1473,
90.1548


■ 91.6109, 94.6278,
103.1106


 49.4899, 73.1881,
88.7406


 91.8877, 94.7386,
104.5682

 48.2451, 72.5754,
87.3711

 92.1671, 94.8503,
106.0395

 47.5466, 72.2440,
86.0403

 92.4491, 94.9631,
107.5245

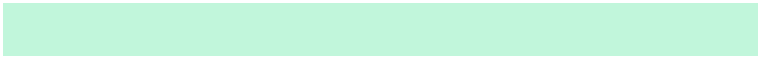
 47.4542, 72.2012,
85.8217

 92.5522, 95.0044,
108.0674

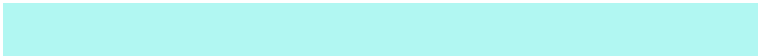
Harmonies

Analogous

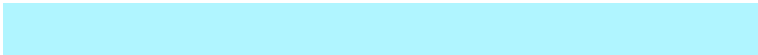
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.7529, 82.2794, 79.4807



67.4192, 82.2794, 96.3326



69.8631, 82.2794, 113.3370

Triad

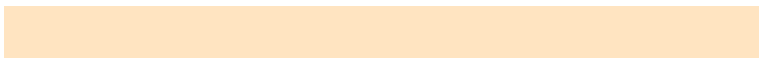
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4192, 82.2794, 96.3326



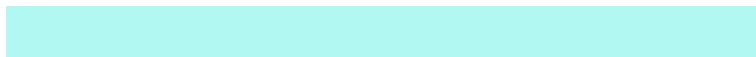
86.1079, 82.2794, 116.7371



81.9328, 82.2794, 61.7346

Complementary

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



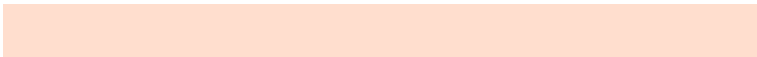
67.4192, 82.2794, 96.3326



62.5262, 54.5981, 51.5021

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.



87.1840, 82.2794, 69.4129



67.4192, 82.2794, 96.3326



89.6783, 82.2794, 100.5183

Square

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



67.4192, 82.2794, 96.3326



80.5249, 82.2794, 126.0849



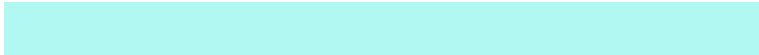
90.0819, 82.2794, 83.1663



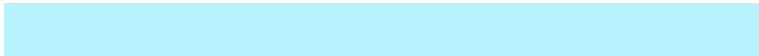
75.9284, 82.2794, 60.9164

Rectangle

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



67.4192, 82.2794, 96.3326



72.8154, 82.2794, 121.9173



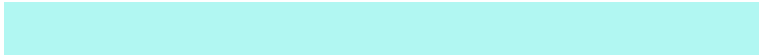
90.0819, 82.2794, 83.1663



83.8524, 82.2794, 63.5482

Sweetspot

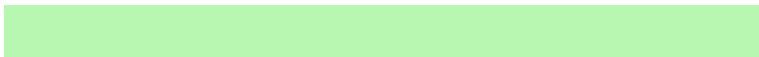
The Sweet Spot groups the original color and five complimentary colors.



67.4216, 82.2827, 96.3345



86.8420, 95.7990, 107.1433



60.6878, 79.7460, 53.7904



18.3235, 20.3698, 22.8735



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

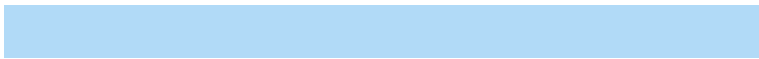
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.4216, 82.2827, 96.3345



69.0407, 86.7051, 102.5591



59.9506, 66.1216, 97.6024



16.9426, 18.7362, 20.9820



25.1185, 38.1922, 45.5052



2.2227, 3.3627, 4.0787

Inverse Universe

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



62.5262, 54.5981, 51.5021



62.9865, 52.4516, 47.1029



68.4078, 67.1741, 50.9569



16.5472, 16.5017, 17.3620



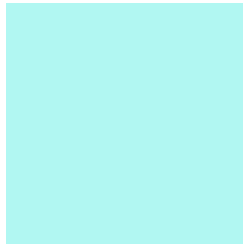
20.3608, 10.4877, 1.3423



1.8059, 0.9283, 0.2044

Previews

White Background



This preview shows how the XYZ color 67.4192, 82.2794, 96.3326 looks on a white background.

Color Contrast Check

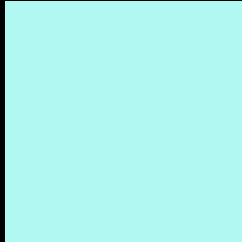
Large Text (above 18pt) WCAG AA × Fail

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 67.4192, 82.2794, 96.3326 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 67.4192, 82.2794, 96.3326

Background



This preview shows how black text looks on a background with the XYZ color 67.4192, 82.2794, 96.3326.



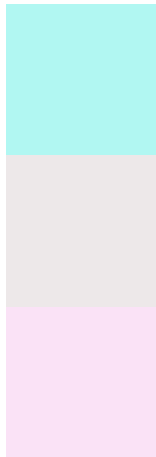
This preview shows how white text looks on a background with the XYZ color 67.4192, 82.2794,

96.3326.

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

67.4192, 82.2794, 96.3326

Protanopia

78.4896, 81.6009, 88.7045

Deuteranopia

83.2552, 81.3705, 98.5068



Tritanopia

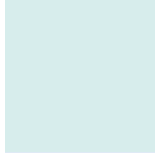
72.7940, 82.1364, 106.6250

Trichromacy



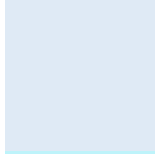
Original Color

67.4192, 82.2794, 96.3326



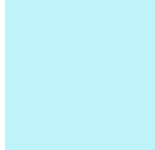
Protanomaly

73.4488, 81.0716, 91.1341



Deuteranomaly

76.3357, 81.1262, 98.0218



Tritanomaly

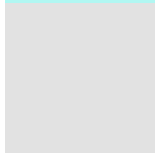
70.5411, 81.9505, 102.5426

Monochromacy



Original Color

67.4192, 82.2794, 96.3326



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

70.0007, 78.0817, 87.7258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4192, 82.2794, 96.3326 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(177, 247, 242)` looks like.

```
.text, #text, p{  
    color:rgb(177, 247, 242)  
}
```

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(177, 247, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 247, 242) }
```

Border

The CSS property to change the border of an element to XYZ 67.4192, 82.2794, 96.3326 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(177, 247, 242) }
```


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

```
.border{ border-color:rgb(177, 247, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 247, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 247, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 247, 242); box-shadow:4px 4px 4px 4px rgb(177, 247, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4192, 82.2794, 96.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 247, 242) }
```

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

```
.background{ background-color: rgb(177,  
247, 242) }
```

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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