

Converting Colors

XYZ(67.3093, 86.3117, 79.9280)

Have a look what the booklet for
XYZ(67.3093, 86.3117, 79.9280)
contains.

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Color

**XYZ(67.3686, 86.3378,
80.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	B4FFDB
RGB	180, 255, 219
RGB Percent	71%, 100%, 86%
CMY	0.2941, 0.0000, 0.1412
CMYK	0.29, 0.00, 0.14, 0.00
HSL	151°, 100%, 85%
HSV	151°, 29%, 100%
XYZ	67.3686, 86.3378, 80.1320
YIQ	228.4710, -33.1440, -27.0960

Conversions

Conversions Part 2

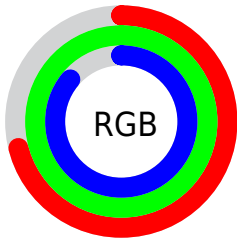
Format	Color
RYB	180, 229, 255
Decimal	11861979
CIELab	94.46, -30.30, 9.87
CIELCh	94, 31.871, 161.955
Yxy	86.3378, 0.2881, 0.3692
Android (android.graphics.Color)	4290052059 (0xFFB4FFDB)
YUV	228.4710, -4.6692, -42.5091
Hunter-Lab	92.9181, -33.1886, 13.9114

Details

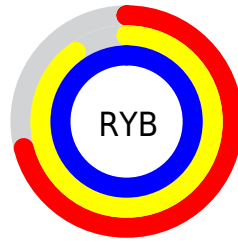
The XYZ color **67.3686, 86.3378, 80.1320** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.9564, 58.8613, 72.6402**, and the grayscale version is **74.1381, 77.9990, 84.9409**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **35.3524, 47.4285, 42.4133** is the 20% darker color. If you saturate the color by 10%, you get **60.4157, 82.9328, 71.7026**, and if you desaturate by 10%, it is **75.5336, 90.3539, 89.2394**.

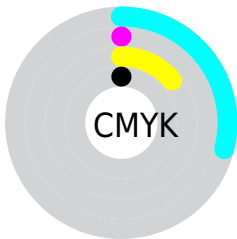
Distribution



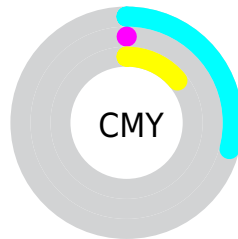
- Red (71%)
- Green (100%)
- Blue (86%)



- Red (71%)
- Yellow (90%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3686, 86.3378, 80.1320 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 67.3686, 86.3378, 80.1320 by changing the saturation by 10% instead.


 67.3686, 86.3378,
80.1320

 67.3686, 86.3378,
80.1320


440.6676,
516.0444, 515.0961

 49.6560, 64.9473,
59.3002


 114.4953,
142.2408, 135.3644

 35.3568, 47.4184,
42.4332


144.6401,
177.5221, 170.6020

 24.1057, 33.3665,
29.1126


179.6598,
218.2025, 211.4787

 15.5372, 22.4074,
18.9197

219.9196,
264.6664, 258.4129

 9.2860, 14.1565,
11.4360

265.7849,
317.2981, 311.8232

 4.9868, 8.2296,
6.2431

317.6211,

 2.2742, 4.2422,

376.4821, 372.1281

2.9223

375.7936,
442.6027, 439.7462

■ 0.7814, 1.8100,
1.0551

■ 0.0000, 0.4934,
0.0000

■ 67.3686, 86.3378,
80.1320

■ 67.3686, 86.3378,
80.1320

■ 60.4157, 82.9328,
71.7026

■ 75.5336, 90.3539,
89.2394

■ 54.6100, 80.1059,
63.9310

■ 84.9662, 95.0095,
99.0361

■ 49.8841, 77.8225,
56.8015

■ 95.0500, 100.0000,
108.9000

■ 46.1619, 76.0437,
50.2966

■ 43.3568, 74.7253,
44.3975

■ 41.3665, 73.8148,
39.0840

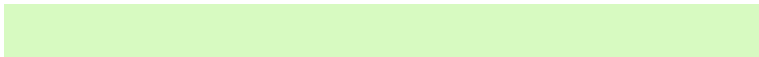
■ 40.0349, 73.2321,
34.3331

■ 39.9663, 73.2025,
34.0699

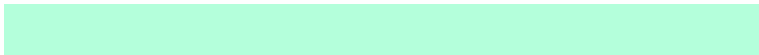
Harmonies

Analogous

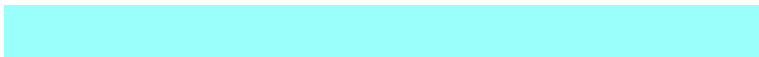
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5299, 86.3378, 63.0954



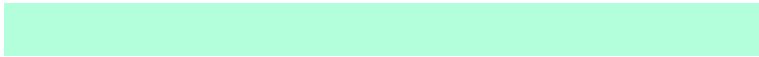
67.3686, 86.3378, 80.1320



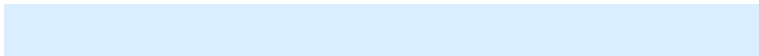
66.9720, 86.3378, 104.1262

Triad

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



67.3686, 86.3378, 80.1320



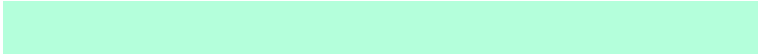
85.5226, 86.3378, 148.1520



94.9372, 86.3378, 65.8529

Complementary

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



67.3686, 86.3378, 80.1320



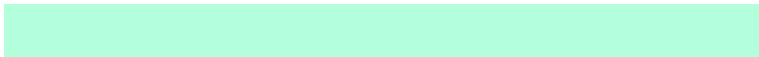
69.9564, 58.8613, 72.6402

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.



99.2626, 86.3378, 84.5660



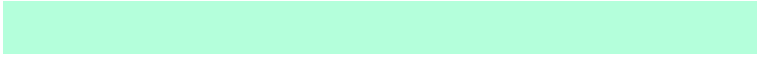
67.3686, 86.3378, 80.1320



93.5792, 86.3378, 133.6553

Square

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



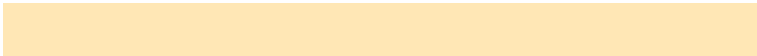
67.3686, 86.3378, 80.1320



77.0617, 86.3378, 146.4013



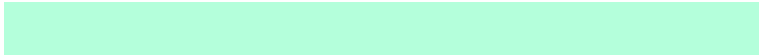
98.7490, 86.3378, 109.3982



87.2730, 86.3378, 55.8940

Rectangle

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



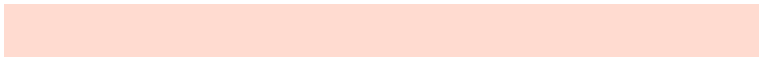
67.3686, 86.3378, 80.1320



68.8582, 86.3378, 121.2635



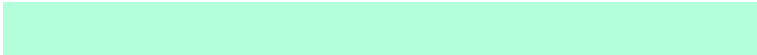
98.7490, 86.3378, 109.3982



96.8531, 86.3378, 71.1756

Sweetspot

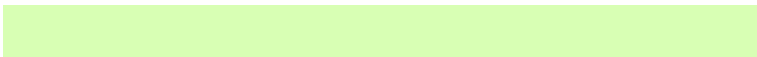
The Sweet Spot groups the original color and five complimentary colors.



67.3694, 86.3382, 80.1334



85.3817, 95.2149, 99.4536



72.3916, 89.4526, 56.6319



17.9624, 20.2253, 20.9719



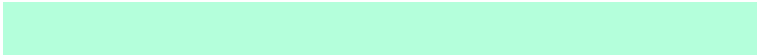
0.0000, 0.0000, 0.0000



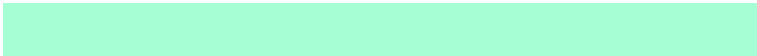
20.3446, 21.4041, 23.3091

Same Dimension

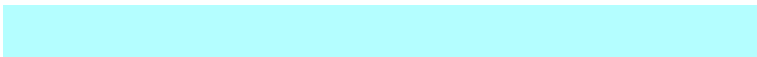
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.3694, 86.3382, 80.1334



63.3375, 84.3616, 75.3391



72.2355, 87.6486, 107.7184



18.1661, 20.3260, 21.1775



20.9592, 38.2803, 18.2022



2.0960, 3.7493, 2.0632

Inverse Universe

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



69.9564, 58.8613, 72.6402



66.2886, 53.0247, 66.7961



66.0537, 57.7058, 50.8382



18.3725, 18.1323, 20.5789



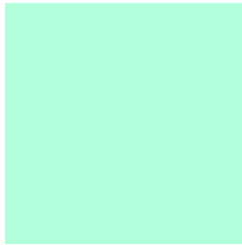
23.4717, 11.8780, 11.1345



2.3402, 1.1785, 1.3729

Previews

White Background



This preview shows how the XYZ color 67.3686, 86.3378, 80.1320 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 67.3686, 86.3378, 80.1320 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

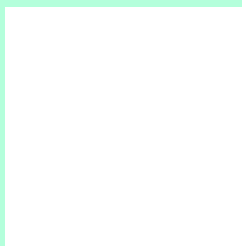
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3686, 86.3378, 80.1320

Background



This preview shows how black text looks on a background with the XYZ color 67.3686, 86.3378, 80.1320.



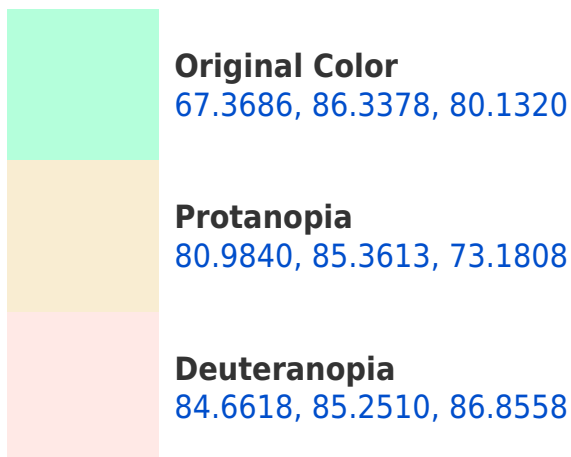
This preview shows how white text looks on a background with the XYZ color 67.3686, 86.3378,

80.1320.

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





Tritanopia

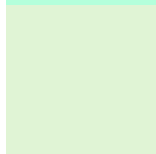
77.8413, 86.0675, 107.1178

Trichromacy



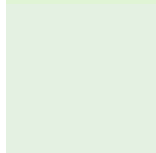
Original Color

67.3686, 86.3378, 80.1320



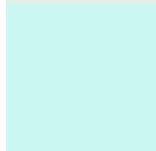
Protanomaly

75.1014, 85.3528, 75.4673



Deuteranomaly

77.1777, 84.8956, 84.2703



Tritanomaly

73.6818, 85.9631, 96.7135

Monochromacy



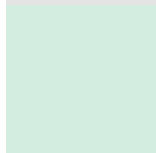
Original Color

67.3686, 86.3378, 80.1320



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

71.0291, 80.4342, 83.0159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3686, 86.3378, 80.1320 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(180, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 219)  
}
```

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(180, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 219) }
```

Border

The CSS property to change the border of an element to XYZ 67.3686, 86.3378, 80.1320 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(180, 255, 219) }
```


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

```
.border{ border-color:rgb(180, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3686, 86.3378, 80.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 219) }
```

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

```
.background{ background-color: rgb(180,  
255, 219) }
```

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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