

Converting Colors

XYZ(67.5492, 80.1150, 94.6836)

Have a look what the booklet for
XYZ(67.5492, 80.1150, 94.6836)
contains.

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Color

**XYZ(67.4879, 80.1098,
94.3438)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F2F0
RGB	185, 242, 240
RGB Percent	73%, 95%, 94%
CMY	0.2745, 0.0510, 0.0588
CMYK	0.24, 0.00, 0.01, 0.05
HSL	178°, 69%, 84%
HSV	178°, 24%, 95%
XYZ	67.4879, 80.1098, 94.3438
YIQ	224.7290, -33.3300, -12.7060

Conversions

Conversions Part 2

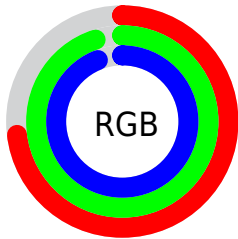
Format	Color
R_{YB}	185, 214, 242
Decimal	12186352
CIE _{Lab}	91.73, -18.31, -4.92
CIE _{LCh}	92, 18.955, 195.047
Yxy	80.1098, 0.2789, 0.3311
Android (android.graphics.Color)	4290376432 (0xFFB9F2F0)
YUV	224.7290, 7.5286, -34.8423
Hunter-Lab	89.5041, -22.0395, 0.1569

Details

The XYZ color **67.4879, 80.1098, 94.3438** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.9394, 57.1653, 54.7338**, and the grayscale version is **71.3402, 75.0554, 81.7353**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **35.4166, 43.3243, 51.8432** is the 20% darker color. If you saturate the color by 10%, you get **62.0140, 77.3045, 93.4313**, and if you desaturate by 10%, it is **73.9607, 83.4341, 95.3095**.

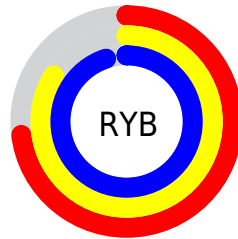
Distribution



Red (73%)

Green (95%)

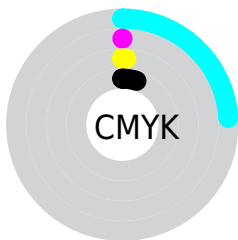
Blue (94%)



Red (73%)

Yellow (84%)

Blue (95%)

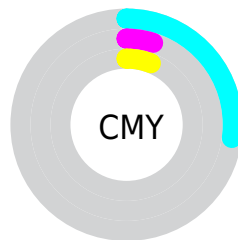


Cyan (24%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (27%)


Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4879, 80.1098, 94.3438 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 67.4879, 80.1098, 94.3438 by changing the saturation by 10% instead.


 67.4879, 80.1098,
94.3438

 67.4879, 80.1098,
94.3438


441.0847,
495.3028, 562.9927

 49.7534, 59.8087,
70.9951


 114.6652,
133.5201, 155.3455

 35.4345, 43.2645,
51.8564


144.8387,
167.3981, 193.8355

 24.1658, 30.0927,
36.5091


179.8892,
206.5705, 238.2098

 15.5821, 19.9089,
24.5349

220.1821,
251.4217, 288.8867

 9.3179, 12.3289,
15.5150

266.0827,
302.3362, 346.2850

 5.0079, 6.9681,
9.0310

317.9565,

 2.2867, 3.4421,

359.6983, 410.8230

4.6643

376.1687,
423.8923, 482.9194

■ 0.7878, 1.3667,
1.9964

■ 0.0000, 0.1920,
0.5531

■ 67.4879, 80.1098,
94.3438

■ 67.4879, 80.1098,
94.3438

■ 62.0140, 77.3045,
93.4313

■ 73.9607, 83.4341,
95.3095

■ 57.4818, 74.9826,
92.5643

■ 81.4721, 87.2917,
96.3252

■ 53.8388, 73.1190,
91.7420

■ 89.1037, 91.2111,
97.3496

■ 51.0248, 71.6826,
90.9616

■ 89.2322, 91.2625,
98.0260

■ 48.9719, 70.6386,
90.2199

■ 89.3612, 91.3141,
98.7056

■ 47.6017, 69.9465,
89.5131

■ 89.4908, 91.3660,
99.3882

■ 46.8187, 69.5570,
88.8370

■ 89.6211, 91.4181,
100.0740

■ 46.5332, 69.4189,
88.4130

■ 89.7519, 91.4704,
100.7630

■ 89.8833, 91.5230,
101.4551

Harmonies

Analogous

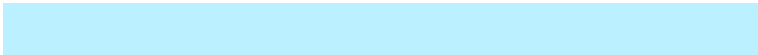
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.4842, 80.1098, 80.5157



67.4879, 80.1098, 94.3438



69.7425, 80.1098, 107.5212

Triad

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



67.4879, 80.1098, 94.3438



82.9329, 80.1098, 107.4855



78.5732, 80.1098, 63.8868

Complementary

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



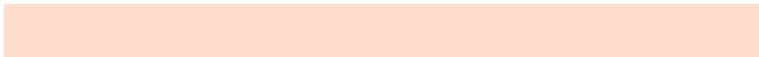
67.4879, 80.1098, 94.3438



62.9394, 57.1653, 54.7338

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.



82.9214, 80.1098, 69.6602



67.4879, 80.1098, 94.3438



85.5102, 80.1098, 94.2991

Square

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



67.4879, 80.1098, 94.3438



78.5884, 80.1098, 115.6385



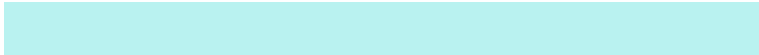
85.5059, 80.1098, 80.4754



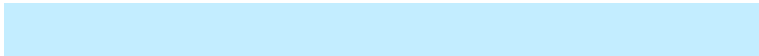
73.7469, 80.1098, 63.8960

Rectangle

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



67.4879, 80.1098, 94.3438



72.2758, 80.1098, 113.7458



85.5059, 80.1098, 80.4754



80.1436, 80.1098, 65.1861

Sweetspot

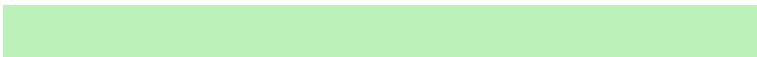
The Sweet Spot groups the original color and five complimentary colors.



67.4902, 80.1131, 94.3456



88.6843, 96.7300, 108.0758



61.2136, 77.6827, 57.6685



18.8706, 20.6469, 23.1178



0.0000, 0.0000, 0.0000



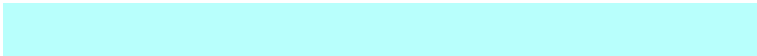
20.3446, 21.4041, 23.3091

Same Dimension

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



67.4902, 80.1131, 94.3456



73.0801, 88.7205, 105.7770



60.6826, 66.0190, 93.5527



16.2220, 17.9188, 20.1918



25.0081, 37.2953, 47.5532



2.0879, 3.1056, 3.9953

Inverse Universe

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



62.9394, 57.1653, 54.7338



67.1720, 58.9248, 54.3484



68.5851, 68.7976, 55.5650



15.7953, 15.7678, 16.4783



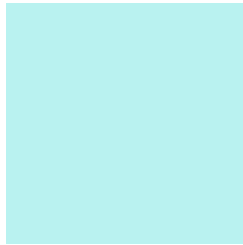
19.7068, 10.1552, 1.1067



1.6473, 0.8480, 0.1335

Previews

White Background



This preview shows how the XYZ color 67.4879, 80.1098, 94.3438 looks on a white background.

Color Contrast Check

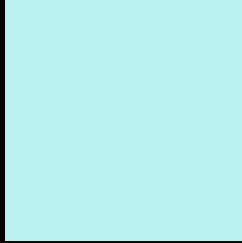
Large Text (above 18pt) WCAG AA × Fail

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 67.4879, 80.1098, 94.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

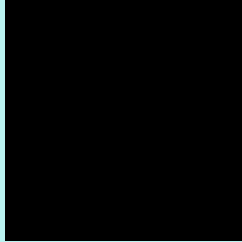
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4879, 80.1098, 94.3438

Background



This preview shows how black text looks on a background with the XYZ color 67.4879, 80.1098, 94.3438.



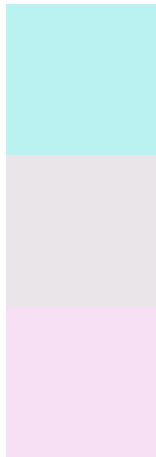
This preview shows how white text looks on a background with the XYZ color 67.4879, 80.1098,

94.3438.

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

67.4879, 80.1098, 94.3438

Protanopia

76.6590, 79.4142, 88.3789

Deuteranopia

81.3426, 79.6171, 96.6684



Tritanopia

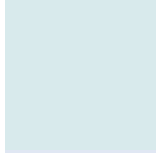
71.1302, 79.9712, 106.2948

Trichromacy



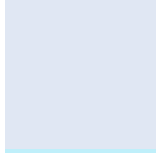
Original Color

67.4879, 80.1098, 94.3438



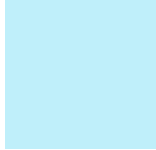
Protanomaly

72.8820, 79.5007, 90.8608



Deuteranomaly

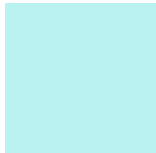
75.4940, 79.4702, 96.1543



Tritanomaly

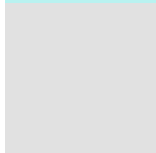
69.6077, 79.7115, 102.1596

Monochromacy



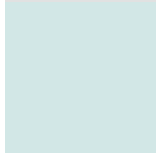
Original Color

67.4879, 80.1098, 94.3438



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.4372, 76.5666, 85.9820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4879, 80.1098, 94.3438 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(185, 242, 240)` looks like.

```
.text, #text, p{  
    color:rgb(185, 242, 240)  
}
```

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(185, 242, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 242, 240) }
```

Border

The CSS property to change the border of an element to XYZ 67.4879, 80.1098, 94.3438 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(185, 242, 240) }
```


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

```
.border{ border-color:rgb(185, 242, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 242, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 242, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 242, 240);  
box-shadow:4px 4px 4px 4px rgb(185, 242,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4879, 80.1098, 94.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 242, 240) }
```

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

```
.background{ background-color: rgb(185,  
242, 240) }
```

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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