

Converting Colors

XYZ(67.5303, 78.9876, 98.0759)

Have a look what the booklet for
XYZ(67.5303, 78.9876, 98.0759)
contains.

XYZ(67.6491, 79.2270, 98.1131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.6491, 79.2270,
98.1131)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F0F5
RGB	185, 240, 245
RGB Percent	73%, 94%, 96%
CMY	0.2745, 0.0588, 0.0392
CMYK	0.24, 0.02, 0.00, 0.04
HSL	185°, 75%, 84%
HSV	185°, 24%, 96%
XYZ	67.6491, 79.2270, 98.1131
YIQ	224.1250, -34.3850, -10.1050

Conversions

Conversions Part 2

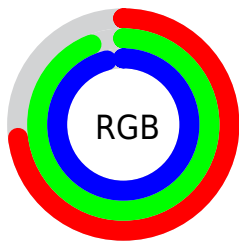
Format	Color
R _Y B	185, 214, 245
Decimal	12185845
CIE Lab	91.34, -16.24, -8.11
CIE LCh	91, 18.152, 206.545
Yxy	79.2270, 0.2761, 0.3234
Android (android.graphics.Color)	4290375925 (0xFFB9F0F5)
YUV	224.1250, 10.2914, -34.3126
Hunter-Lab	89.0096, -20.1030, -3.0473

Details

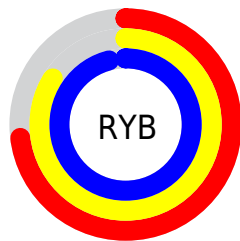
The XYZ color **67.6491, 79.2270, 98.1131** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.8275, 59.7426, 54.0153**, and the grayscale version is **70.8891, 74.5809, 81.2185**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **35.5317, 42.7009, 54.5135** is the 20% darker color. If you saturate the color by 10%, you get **61.6437, 75.2463, 97.6626**, and if you desaturate by 10%, it is **74.6843, 83.7526, 98.6171**.

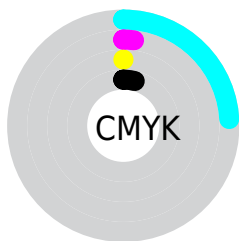
Distribution



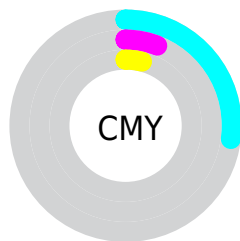
- Red (73%)
- Green (94%)
- Blue (96%)



- Red (73%)
- Yellow (84%)
- Blue (96%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6491, 79.2270, 98.1131 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 67.6491, 79.2270, 98.1131 by changing the saturation by 10% instead.

67.6491, 79.2270,
98.1131

67.6491, 79.2270,
98.1131

441.6480,
492.3239, 575.3209

49.8849, 59.0825,
74.1176

114.8947,
132.2784, 160.5909

35.5394, 42.6795,
54.3929

145.1068,
165.9540, 199.9103

24.2471, 29.6337,
38.5206

180.1990,
204.9088, 245.1747

15.6428, 19.5607,
26.0820

220.5366,
249.5272, 296.8026

9.3610, 12.0762,
16.6587

266.4849,
300.1934, 355.2127

5.0364, 6.7956,
9.8321

318.4094,

2.3036, 3.3346,

357.2921, 420.8234

5.1836

376.6753,
421.2074, 494.0533

■ 0.7965, 1.3088,
2.2948

■ 0.0000, 0.1480,
0.7283

■ 67.6491, 79.2270,
98.1131

■ 67.6491, 79.2270,
98.1131

■ 61.6437, 75.2463,
97.6626

■ 74.6843, 83.7526,
98.6171

■ 56.6089, 71.7740,
97.2577

■ 82.7909, 88.8386,
99.1716

■ 52.4902, 68.7839,
96.8976

■ 90.7159, 93.8410,
99.7194

■ 49.2247, 66.2436,
96.5794

■ 91.3404, 95.0901,
99.9276

46.7416, 64.1165,
96.2997

91.9717, 96.3528,
100.1381

44.9589, 62.3604,
96.0547

92.6100, 97.6292,
100.3508

43.7757, 60.9231,
95.8397

93.2551, 98.9195,
100.5659

43.2979, 60.2251,
95.7301

93.4817, 99.3727,
100.6414

Harmonies

Analogous

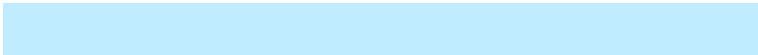
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.7978, 79.2270, 84.7441



67.6491, 79.2270, 98.1131



70.5217, 79.2270, 109.2229

Triad

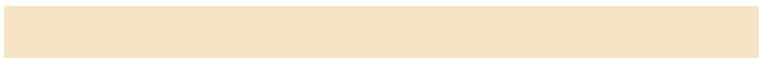
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6491, 79.2270, 98.1131



82.9423, 79.2270, 101.0284



75.8383, 79.2270, 63.3272

Complementary

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



67.6491, 79.2270, 98.1131



64.8275, 59.7426, 54.0153

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.



80.2954, 79.2270, 66.7727



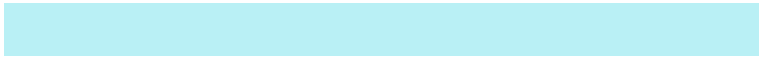
67.6491, 79.2270, 98.1131



84.5009, 79.2270, 87.8035

Square

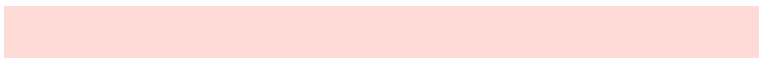
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6491, 79.2270, 98.1131



79.3337, 79.2270, 111.0230



83.5132, 79.2270, 75.4109



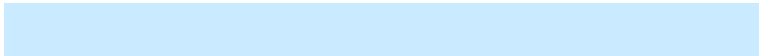
71.4110, 79.2270, 65.4914

Rectangle

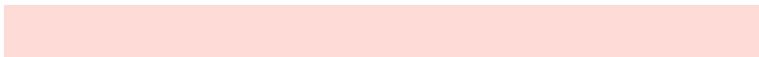
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



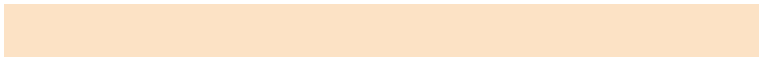
67.6491, 79.2270, 98.1131



73.2594, 79.2270, 113.3812



83.5132, 79.2270, 75.4109



77.3840, 79.2270, 63.8581

Sweetspot

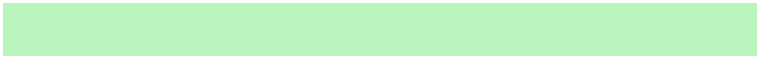
The Sweet Spot groups the original color and five complimentary colors.



67.6514, 79.2302, 98.1149



88.3127, 95.8255, 108.4493



61.8468, 79.2947, 60.1915



18.7842, 20.4367, 23.2046



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.



67.6514, 79.2302, 98.1149



70.9443, 84.7029, 107.2179



59.7849, 63.4971, 95.4927



16.8717, 18.5078, 21.2257



23.3750, 32.5439, 51.5876



2.0886, 2.9287, 4.5454

Inverse Universe

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



70.7352, 60.4035, 90.3725



74.8481, 61.1577, 97.3522



71.7462, 73.5799, 56.3215



17.1506, 16.7431, 20.5396



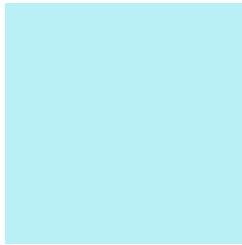
27.6032, 13.3847, 39.4801



2.4433, 1.1833, 3.5608

Previews

White Background



This preview shows how the XYZ color 67.6491, 79.2270, 98.1131 looks on a white background.

Color Contrast Check

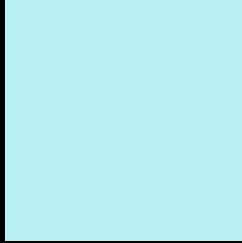
Large Text (above 18pt) WCAG AA × Fail

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 67.6491, 79.2270, 98.1131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

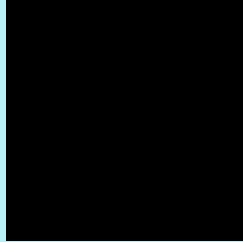
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6491, 79.2270, 98.1131

Background



This preview shows how black text looks on a background with the XYZ color 67.6491, 79.2270, 98.1131.

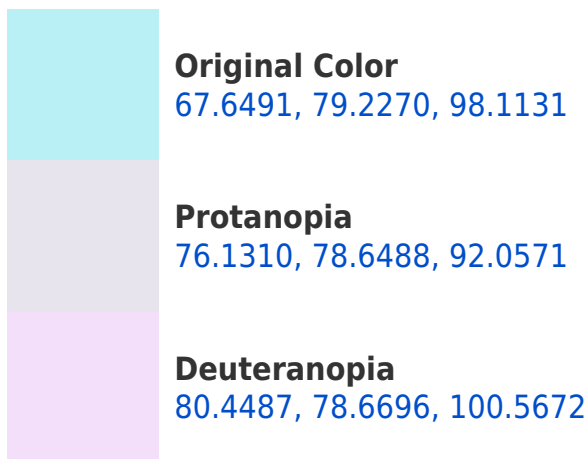


This preview shows how white text looks on a background with the XYZ color 67.6491, 79.2270,

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

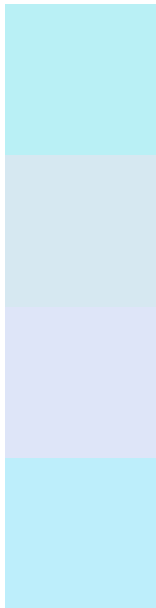




Tritanopia

69.8200, 78.8647, 106.1503

Trichromacy



Original Color

67.6491, 79.2270, 98.1131

Protanomaly

72.4654, 78.3602, 94.5248

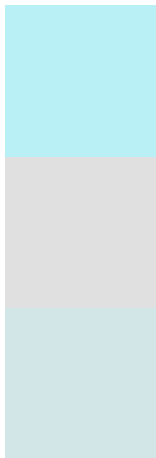
Deuteranomaly

75.0868, 78.3455, 99.9716

Tritanomaly

68.9734, 78.9329, 102.8671

Monochromacy



Original Color

67.6491, 79.2270, 98.1131

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.4406, 76.1215, 87.3769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6491, 79.2270, 98.1131 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, 240, 245)` looks like.

```
.text, #text, p{  
    color:rgb(185, 240, 245)  
}
```

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, 240, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 240, 245) }
```

Border

The CSS property to change the border of an element to XYZ 67.6491, 79.2270, 98.1131 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, 240, 245) }
```


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

```
.border{ border-color:rgb(185, 240, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 240, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 240, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 240, 245);  
box-shadow:4px 4px 4px 4px rgb(185, 240,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6491, 79.2270, 98.1131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 240, 245) }
```

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

```
.background{ background-color: rgb(185,  
240, 245) }
```

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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