

Converting Colors

XYZ(67.1549, 80.5058, 75.0571)

Have a look what the booklet for
XYZ(67.1549, 80.5058, 75.0571)
contains.

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Color

**XYZ(67.0511, 80.3141,
74.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F2D5
RGB	198, 242, 213
RGB Percent	78%, 95%, 84%
CMY	0.2235, 0.0510, 0.1647
CMYK	0.18, 0.00, 0.12, 0.05
HSL	140°, 63%, 86%
HSV	140°, 18%, 95%
XYZ	67.0511, 80.3141, 74.9190
YIQ	225.5380, -16.9150, -18.3470

Conversions

Conversions Part 2

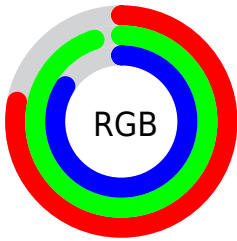
Format	Color
R _Y B	198, 231, 242
Decimal	13038293
CIE Lab	91.83, -19.66, 9.34
CIE LCh	92, 21.769, 154.593
Yxy	80.3141, 0.3016, 0.3613
Android (android.graphics.Color)	4291228373 (0xFFC6F2D5)
YUV	225.5380, -6.1812, -24.1508
Hunter-Lab	89.6181, -23.2804, 13.1674

Details

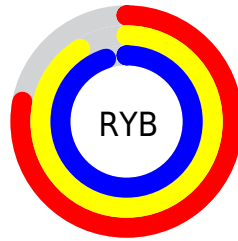
The XYZ color **67.0511, 80.3141, 74.9190** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.6800, 64.8135, 81.4617**, and the grayscale version is **72.0090, 75.7591, 82.5016**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2321, 43.5157, 38.8902** is the 20% darker color. If you saturate the color by 10%, you get **59.2489, 76.5167, 64.5004**, and if you desaturate by 10%, it is **76.0761, 84.7233, 86.4378**.

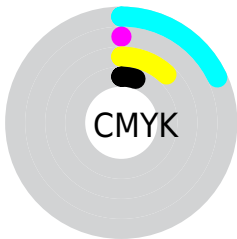
Distribution



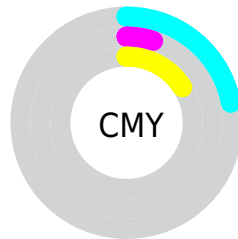
- Red (78%)
- Green (95%)
- Blue (84%)



- Red (78%)
- Yellow (91%)
- Blue (95%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (22%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0511, 80.3141, 74.9190 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 67.0511, 80.3141, 74.9190 by changing the saturation by 10% instead.

67.0511, 80.3141,
74.9190

67.0511, 80.3141,
74.9190

439.5563,
495.9907, 496.8871

49.3970, 59.9769,
55.0452

114.0430,
133.8073, 127.9437

35.1503, 43.4000,
39.0391

144.1116,
167.7320, 161.9318

23.9458, 30.1991,
26.4821

179.0490,
206.9546, 201.4616

15.4179, 19.9897,
16.9556

219.2206,
251.8596, 246.9518

9.2014, 12.3876,
10.0412

264.9917,
302.8313, 298.8209

4.9310, 7.0082,
5.3203

316.7279,

2.2412, 3.4672,

360.2541, 357.4875

2.3744

374.7942,
424.5125, 423.3700

0.7643, 1.3803,
0.7725

0.0000, 0.2021,
0.0000

67.0511, 80.3141,
74.9190

67.0511, 80.3141,
74.9190

59.2489, 76.5167,
64.5004

76.0761, 84.7233,
86.4378

52.6087, 73.2938,
55.1442

86.3679, 89.7597,
99.0824

47.0748, 70.6195,
46.8183

91.0436, 91.9873,
107.5645

42.5835, 68.4618,
39.4869

■ 39.0649, 66.7853,
33.1119

■ 36.4396, 65.5500,
27.6530

■ 34.6150, 64.7090,
23.0665

■ 33.4641, 64.1978,
19.3044

■ 33.2956, 64.1240,
18.7042

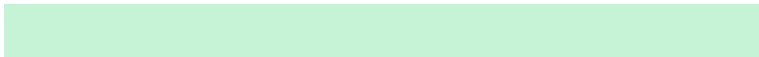
Harmonies

Analogous

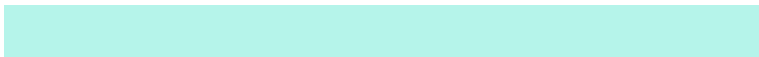
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4067, 80.3141, 64.5186



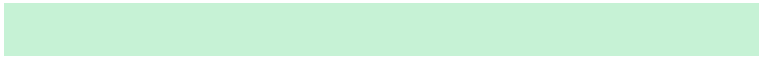
67.0511, 80.3141, 74.9190



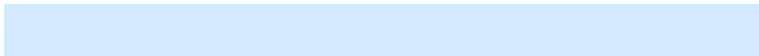
66.1354, 80.3141, 89.9315

Triad

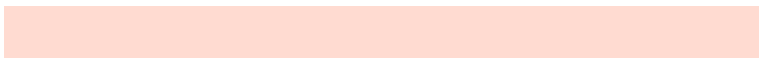
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.0511, 80.3141, 74.9190



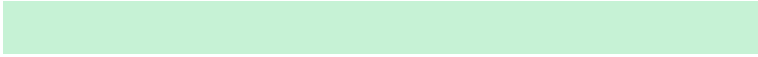
77.1983, 80.3141, 121.7835



85.5113, 80.3141, 71.1410

Complementary

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



67.0511, 80.3141, 74.9190



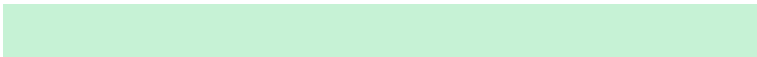
70.6800, 64.8135, 81.4617

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.



87.5353, 80.3141, 85.0115



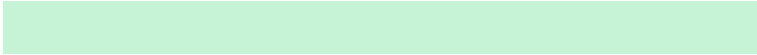
67.0511, 80.3141, 74.9190



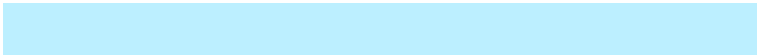
82.5895, 80.3141, 115.2538

Square

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



67.0511, 80.3141, 74.9190



71.8258, 80.3141, 118.2362



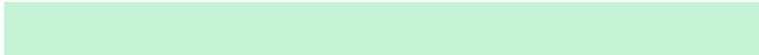
86.4411, 80.3141, 101.3022



81.0315, 80.3141, 62.5309

Rectangle

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



67.0511, 80.3141, 74.9190



66.9920, 80.3141, 100.8664



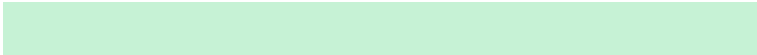
86.4411, 80.3141, 101.3022



86.5111, 80.3141, 75.2765

Sweetspot

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



67.0533, 80.3175, 74.9208



89.1901, 97.1320, 101.7169



73.7320, 83.9704, 65.7490



18.9203, 20.7071, 21.5611



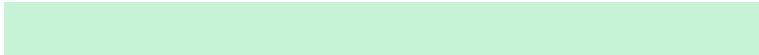
0.0000, 0.0000, 0.0000



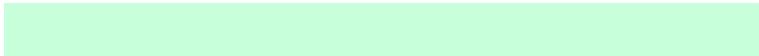
20.3446, 21.4041, 23.3091

Same Dimension

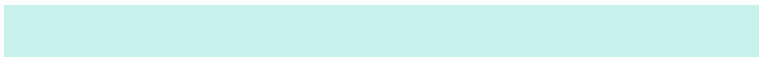
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.0533, 80.3175, 74.9208



71.9446, 88.7116, 79.6771



69.9908, 81.4925, 90.3891



15.7883, 17.7453, 17.9078



17.9432, 34.4693, 10.3498



1.5376, 2.8855, 1.0976

Inverse Universe

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



70.6800, 64.8135, 81.4617



76.7628, 68.1098, 88.3634



67.8742, 63.6912, 66.6866



16.2120, 15.9345, 18.6725



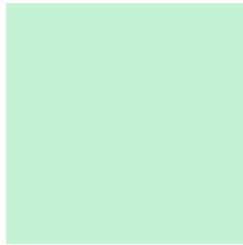
23.1235, 11.5218, 19.0987



1.9700, 0.9771, 1.8331

Previews

White Background



This preview shows how the XYZ color 67.0511, 80.3141, 74.9190 looks on a white background.

Color Contrast Check

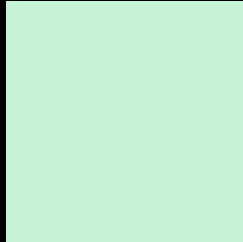
Large Text (above 18pt) WCAG AA × Fail

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 67.0511, 80.3141, 74.9190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

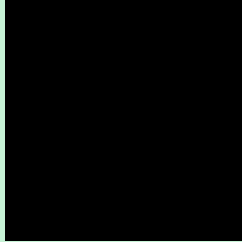
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

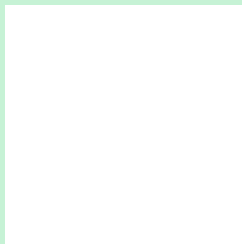
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0511, 80.3141, 74.9190

Background



This preview shows how black text looks on a background with the XYZ color 67.0511, 80.3141, 74.9190.



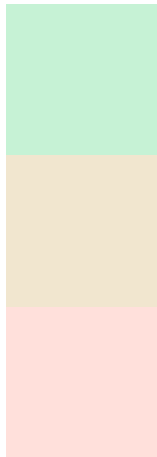
This preview shows how white text looks on a background with the XYZ color 67.0511, 80.3141,

74.9190.

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

67.0511, 80.3141, 74.9190

Protanopia

75.8349, 79.7994, 70.4374

Deuteranopia

80.6818, 79.6858, 78.1463



Tritanopia

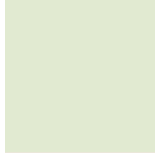
73.2223, 80.1900, 106.2267

Trichromacy



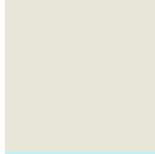
Original Color

67.0511, 80.3141, 74.9190



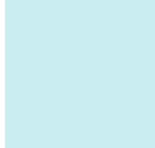
Protanomaly

71.9828, 79.4566, 71.8644



Deuteranomaly

75.0320, 79.6540, 77.0658



Tritanomaly

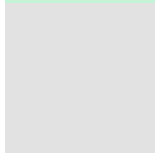
70.6598, 79.9969, 94.1549

Monochromacy



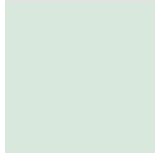
Original Color

67.0511, 80.3141, 74.9190



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

70.2267, 77.5326, 79.6706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0511, 80.3141, 74.9190 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(198, 242, 213)` looks like.

```
.text, #text, p{  
    color:rgb(198, 242, 213)  
}
```

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(198, 242, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 242, 213) }
```

Border

The CSS property to change the border of an element to XYZ 67.0511, 80.3141, 74.9190 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(198, 242, 213) }
```


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

```
.border{ border-color:rgb(198, 242, 213) }
```

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

Here you see how a box with a 4 pixel rgb(198, 242, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 242, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 242, 213);  
box-shadow:4px 4px 4px 4px rgb(198, 242,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0511, 80.3141, 74.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 242, 213) }
```

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

```
.background{ background-color: rgb(198,  
242, 213) }
```

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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