

Converting Colors

XYZ(67.6058, 81.3711, 76.5552)

Have a look what the booklet for
XYZ(67.6058, 81.3711, 76.5552)
contains.

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Color

**XYZ(67.6424, 81.4780,
76.4517)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F4D7
RGB	197, 244, 215
RGB Percent	77%, 96%, 84%
CMY	0.2274, 0.0431, 0.1569
CMYK	0.19, 0.00, 0.12, 0.04
HSL	143°, 68%, 86%
HSV	143°, 19%, 96%
XYZ	67.6424, 81.4780, 76.4517
YIQ	226.6410, -18.7030, -18.9830

Conversions

Conversions Part 2

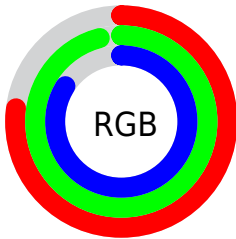
Format	Color
RYB	197, 231, 244
Decimal	12973271
CIELab	92.34, -20.59, 9.04
CIELCh	92, 22.490, 156.305
Yxy	81.4780, 0.2999, 0.3612
Android (android.graphics.Color)	4291163351 (0xFFC5F4D7)
YUV	226.6410, -5.7390, -25.9952
Hunter-Lab	90.2652, -24.2007, 12.9689

Details

The XYZ color **67.6424, 81.4780, 76.4517** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.0048, 64.6586, 80.6931**, and the grayscale version is **72.8049, 76.5964, 83.4135**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **35.6561, 44.3441, 39.9377** is the 20% darker color. If you saturate the color by 10%, you get **59.9167, 77.7109, 66.4521**, and if you desaturate by 10%, it is **76.5848, 85.8563, 87.4412**.

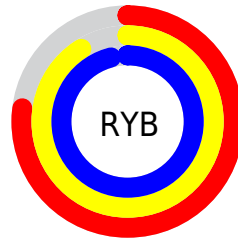
Distribution



Red (77%)

Green (96%)

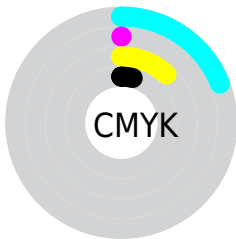
Blue (84%)



Red (77%)

Yellow (91%)

Blue (96%)

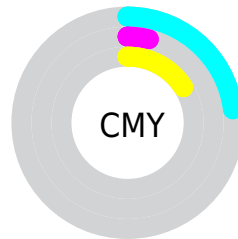


Cyan (19%)

Magenta (0%)

Yellow (12%)

Black (4%)



Cyan (23%)

Magenta (4%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6424, 81.4780, 76.4517 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 67.6424, 81.4780, 76.4517 by changing the saturation by 10% instead.

67.6424, 81.4780,
76.4517

67.6424, 81.4780,
76.4517

441.6246,
499.8999, 502.2805

49.8795, 60.9354,
56.2941

114.8851,
135.4417, 130.1311

35.5351, 44.1730,
40.0332

145.0957,
169.6316, 164.4901

24.2438, 30.8065,
27.2504

180.1861,
209.1394, 204.4198

15.6403, 20.4516,
17.5273

220.5219,
254.3494, 250.3390

9.3592, 12.7237,
10.4452

266.4682,
305.6460, 302.6661

5.0352, 7.2386,
5.5857

318.3906,

2.3029, 3.6117,

363.4138, 361.8197

2.5302

376.6542,
428.0369, 428.2183

0.7961, 1.4588,
0.8561

0.0000, 0.2595,
0.0000

67.6424, 81.4780,
76.4517

67.6424, 81.4780,
76.4517

59.9167, 77.7109,
66.4521

76.5848, 85.8563,
87.4412

53.3466, 74.5172,
57.4094

86.7880, 90.8612,
99.4415

47.8755, 71.8707,
49.2967

91.6422, 93.1845,
107.7641

43.4393, 69.7388,
42.0837

■ 39.9669, 68.0855,
35.7385

■ 37.3776, 66.8700,
30.2271

■ 35.5765, 66.0440,
25.5130

■ 34.4200, 65.5342,
21.5553

■ 34.3477, 65.5027,
21.2920

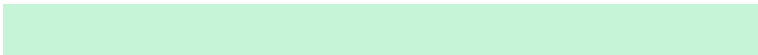
Harmonies

Analogous

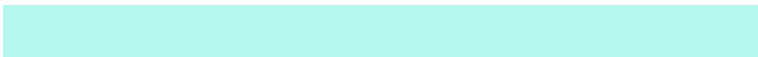
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0051, 81.4780, 65.3176



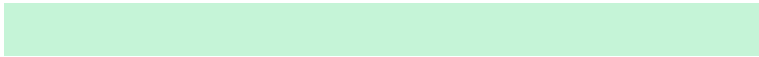
67.6424, 81.4780, 76.4517



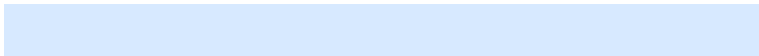
66.8455, 81.4780, 92.2813

Triad

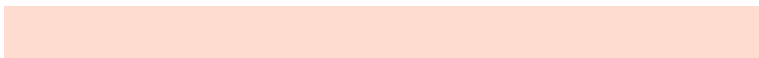
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6424, 81.4780, 76.4517



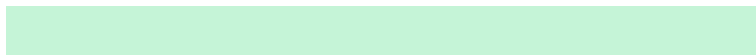
78.6776, 81.4780, 124.5278



86.8133, 81.4780, 71.0641

Complementary

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



67.6424, 81.4780, 76.4517



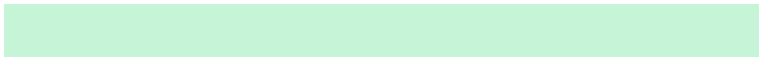
71.0048, 64.6586, 80.6931

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.



89.1039, 81.4780, 85.2431



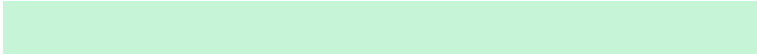
67.6424, 81.4780, 76.4517



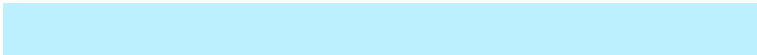
84.2575, 81.4780, 117.1245

Square

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



67.6424, 81.4780, 76.4517



73.0326, 81.4780, 121.4106



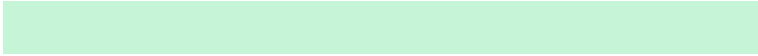
88.1460, 81.4780, 102.2257



82.0262, 81.4780, 62.4902

Rectangle

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



67.6424, 81.4780, 76.4517



67.8394, 81.4780, 103.6863



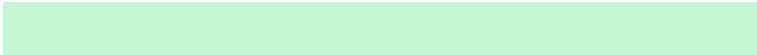
88.1460, 81.4780, 102.2257



87.9114, 81.4780, 75.2602

Sweetspot

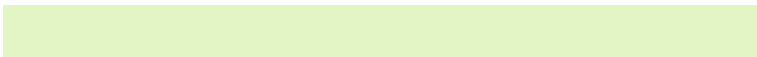
The Sweet Spot groups the original color and five complimentary colors.



67.6446, 81.4814, 76.4535



88.1604, 96.6196, 100.8374



74.0367, 85.0294, 65.3345



18.7161, 20.6051, 21.4008



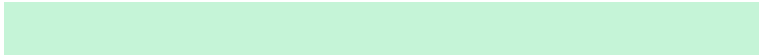
0.0000, 0.0000, 0.0000



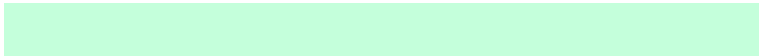
20.3446, 21.4041, 23.3091

Same Dimension

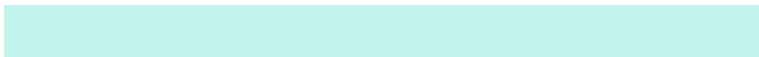
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6446, 81.4814, 76.4535



71.3773, 88.4072, 80.1893



70.7728, 82.7327, 92.9262



16.5448, 18.5771, 18.8874



18.7371, 35.6397, 11.9012



1.6953, 3.1518, 1.3015

Inverse Universe

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



71.0048, 64.6586, 80.6931



75.7013, 66.7549, 85.6416



68.0882, 63.4920, 65.3346



16.9290, 16.6544, 19.3725



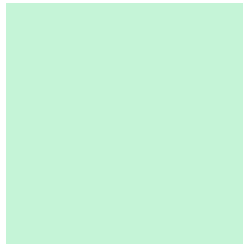
23.3728, 11.6926, 17.2034



2.1043, 1.0477, 1.7756

Previews

White Background



This preview shows how the XYZ color 67.6424, 81.4780, 76.4517 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 67.6424, 81.4780, 76.4517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

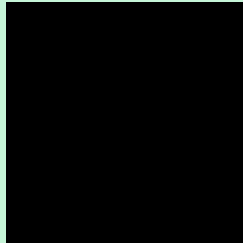
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

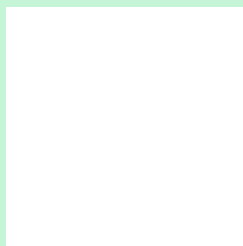
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6424, 81.4780, 76.4517

Background



This preview shows how black text looks on a background with the XYZ color 67.6424, 81.4780, 76.4517.

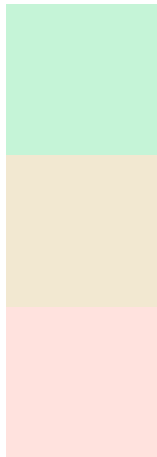


This preview shows how white text looks on a background with the XYZ color 67.6424, 81.4780,

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

67.6424, 81.4780, 76.4517

Protanopia

76.9832, 81.1939, 71.9361

Deuteranopia

81.6212, 80.9266, 80.4257



Tritanopia

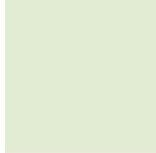
74.3567, 81.6345, 106.4458

Trichromacy



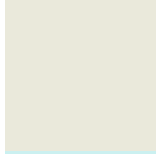
Original Color

67.6424, 81.4780, 76.4517



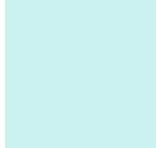
Protanomaly

73.1174, 80.8628, 73.3824



Deuteranomaly

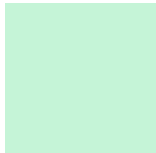
75.8568, 80.8847, 78.6321



Tritanomaly

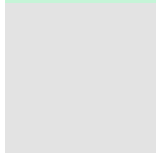
71.5169, 81.3080, 94.3627

Monochromacy



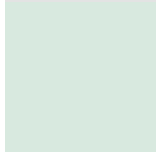
Original Color

67.6424, 81.4780, 76.4517



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

70.7771, 78.2045, 81.1767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6424, 81.4780, 76.4517 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(197, 244, 215)` looks like.

```
.text, #text, p{  
    color:rgb(197, 244, 215)  
}
```

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(197, 244, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 244, 215) }
```

Border

The CSS property to change the border of an element to XYZ 67.6424, 81.4780, 76.4517 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(197, 244, 215) }
```


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

```
.border{ border-color:rgb(197, 244, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 244, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 244, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 244, 215);  
box-shadow:4px 4px 4px 4px rgb(197, 244,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6424, 81.4780, 76.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 244, 215) }
```

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

```
.background{ background-color: rgb(197,  
244, 215) }
```

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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