

Converting Colors

XYZ(65.0161, 78.9028, 71.2226)

Have a look what the booklet for
XYZ(65.0161, 78.9028, 71.2226)
contains.

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Color

**XYZ(65.0886, 78.9340,
71.4798)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F1D0
RGB	194, 241, 208
RGB Percent	76%, 95%, 82%
CMY	0.2392, 0.0549, 0.1843
CMYK	0.20, 0.00, 0.14, 0.05
HSL	138°, 63%, 85%
HSV	138°, 20%, 95%
XYZ	65.0886, 78.9340, 71.4798
YIQ	223.1850, -17.4190, -20.2270

Conversions

Conversions Part 2

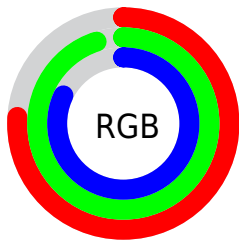
Format	Color
RYB	194, 230, 241
Decimal	12775888
CIELab	91.20, -21.37, 11.01
CIELCh	91, 24.043, 152.737
Yxy	78.9340, 0.3020, 0.3663
Android (android.graphics.Color)	4290965968 (0xFFC2F1D0)
YUV	223.1850, -7.4862, -25.5952
Hunter-Lab	88.8448, -24.7075, 14.4898

Details

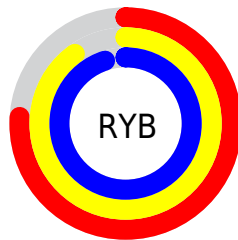
The XYZ color **65.0886, 78.9340, 71.4798** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.4353, 62.8323, 81.1447**, and the grayscale version is **70.3329, 73.9957, 80.5813**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **33.9969, 42.6065, 37.0039** is the 20% darker color. If you saturate the color by 10%, you get **57.4258, 75.2138, 60.8274**, and if you desaturate by 10%, it is **73.9810, 83.2669, 83.3527**.

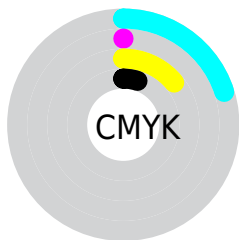
Distribution



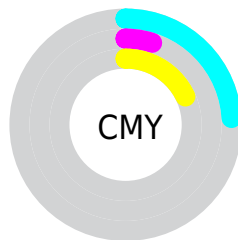
- Red (76%)
- Green (95%)
- Blue (82%)



- Red (76%)
- Yellow (90%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)





- Cyan (24%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0886, 78.9340, 71.4798 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 65.0886, 78.9340, 71.4798 by changing the saturation by 10% instead.

 65.0886, 78.9340,
71.4798

 65.0886, 78.9340,
71.4798


432.6505,
491.3330, 484.6577

 47.7979, 58.8415,
52.2496


 111.2422,
131.8659, 123.0175

 33.8774, 42.4856,
36.8205


140.8359,
165.4742, 156.1621

 22.9619, 29.4817,
24.7738


175.2612,
204.3566, 194.7818

 14.6859, 19.4455,
15.6911

214.8835,
248.8974, 239.2954

 8.6841, 11.9926,
9.1539

260.0683,
299.4810, 290.1212

 4.5912, 6.7387,
4.7435

311.1808,

 2.0417, 3.2992,

356.4919, 347.6778

2.0415

368.5864,
420.3145, 412.3838

■ 0.6572, 1.2899,
0.5806

■ 0.0000, 0.1333,
0.0000

■ 65.0886, 78.9340,
71.4798

■ 65.0886, 78.9340,
71.4798

■ 57.4258, 75.2138,
60.8274

■ 73.9810, 83.2669,
83.3527

■ 50.9308, 72.0685,
51.3515

■ 84.1482, 88.2283,
96.4778

■ 45.5464, 69.4717,
43.0129

■ 90.7468, 91.3936,
107.4656

■ 41.2075, 67.3908,
35.7684

■ 37.8422, 65.7896,
29.5720

■ 35.3688, 64.6270,
24.3743

■ 33.6914, 63.8546,
20.1218

■ 32.6620, 63.3974,
16.7540

■ 32.6195, 63.3787,
16.6083

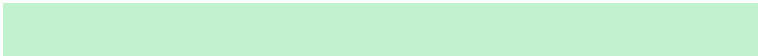
Harmonies

Analogous

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



68.8679, 78.9340, 60.7085



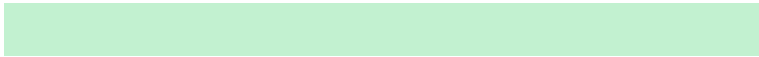
65.0886, 78.9340, 71.4798



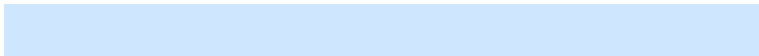
63.9244, 78.9340, 87.5573

Triad

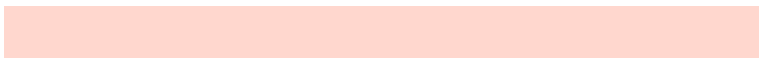
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.0886, 78.9340, 71.4798



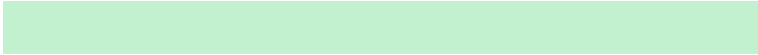
75.5850, 78.9340, 123.9873



85.3124, 78.9340, 69.0544

Complementary

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



65.0886, 78.9340, 71.4798



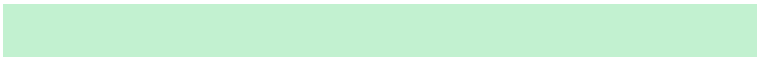
69.4353, 62.8323, 81.1447

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.



87.3402, 78.9340, 84.3540



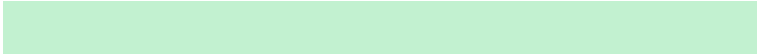
65.0886, 78.9340, 71.4798



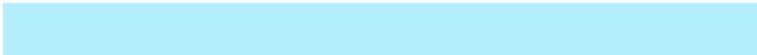
81.5373, 78.9340, 117.3564

Square

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



65.0886, 78.9340, 71.4798



69.7869, 78.9340, 119.3388



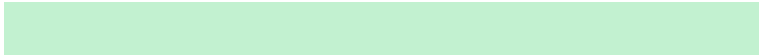
85.9231, 78.9340, 102.2424



80.5176, 78.9340, 59.4470

Rectangle

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



65.0886, 78.9340, 71.4798



64.7337, 78.9340, 99.5712



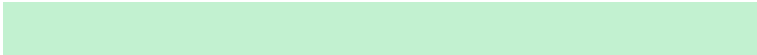
85.9231, 78.9340, 102.2424



86.3516, 78.9340, 73.6236

Sweetspot

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



65.0908, 78.9373, 71.4816



87.9616, 96.5401, 99.7909



73.0904, 83.2516, 63.2568



18.6692, 20.5864, 21.1539



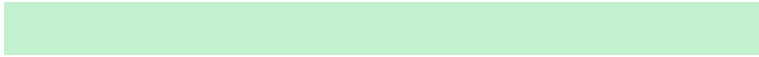
0.0000, 0.0000, 0.0000



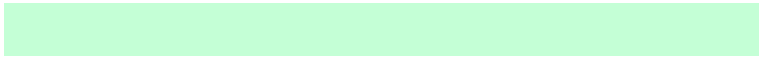
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0908, 78.9373, 71.4816



70.7306, 88.1486, 76.7839



68.1039, 80.1426, 87.3484



15.7596, 17.7339, 17.7571



17.7396, 34.3879, 9.2777



1.5179, 2.8776, 0.9939

Inverse Universe

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



69.4353, 62.8323, 81.1447



76.4227, 67.0434, 89.4406



66.4909, 61.6545, 65.6396



16.2420, 15.9465, 18.8305



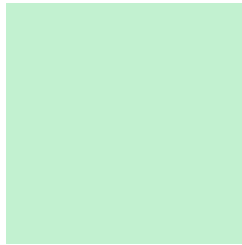
23.6282, 11.7237, 21.7562



2.0092, 0.9927, 2.0392

Previews

White Background



This preview shows how the XYZ color 65.0886, 78.9340, 71.4798 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 65.0886, 78.9340, 71.4798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

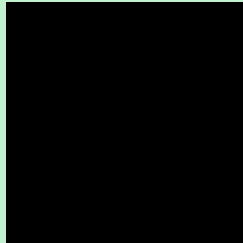
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

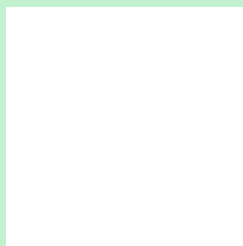
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0886, 78.9340, 71.4798

Background



This preview shows how black text looks on a background with the XYZ color 65.0886, 78.9340, 71.4798.

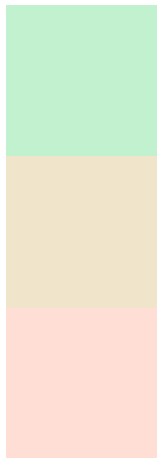


This preview shows how white text looks on a background with the XYZ color 65.0886, 78.9340,

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

65.0886, 78.9340, 71.4798

Protanopia

74.6152, 78.8282, 67.1598

Deuteranopia

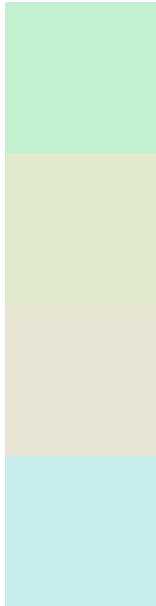
79.4989, 78.3576, 74.5528



Tritanopia

71.7951, 79.0651, 104.4056

Trichromacy



Original Color

65.0886, 78.9340, 71.4798

Protanomaly

70.4694, 78.3254, 68.5309

Deuteranomaly

73.5072, 78.1157, 73.4910

Tritanomaly

69.1234, 78.8249, 91.6923

Monochromacy



Original Color

65.0886, 78.9340, 71.4798

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.1031, 75.6526, 77.3427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0886, 78.9340, 71.4798 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(194, 241, 208)` looks like.

```
.text, #text, p{  
    color:rgb(194, 241, 208)  
}
```

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(194, 241, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 241, 208) }
```

Border

The CSS property to change the border of an element to XYZ 65.0886, 78.9340, 71.4798 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(194, 241, 208) }
```


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

```
.border{ border-color:rgb(194, 241, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 241, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 241, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 241, 208);  
box-shadow:4px 4px 4px 4px rgb(194, 241,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0886, 78.9340, 71.4798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 241, 208) }
```

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

```
.background{ background-color: rgb(194,  
241, 208) }
```

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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