

Converting Colors

XYZ(65.9198, 79.9546, 64.7850)

Have a look what the booklet for
XYZ(65.9198, 79.9546, 64.7850)
contains.

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Color

**XYZ(65.9176, 79.9530,
64.7816)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F2C5
RGB	201, 242, 197
RGB Percent	79%, 95%, 77%
CMY	0.2118, 0.0510, 0.2274
CMYK	0.17, 0.00, 0.19, 0.05
HSL	115°, 63%, 86%
HSV	115°, 19%, 95%
XYZ	65.9176, 79.9530, 64.7816
YIQ	224.6110, -9.9910, -22.6870

Conversions

Conversions Part 2

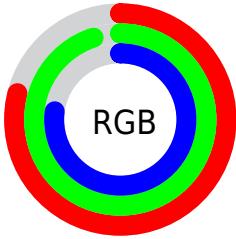
Format	Color
R_{YB}	197, 242, 238
Decimal	13234885
CIE _{Lab}	91.66, -21.49, 17.41
CIE _{LCh}	92, 27.659, 140.980
Yxy	79.9530, 0.3129, 0.3795
Android (android.graphics.Color)	4291424965 (0xFFC9F2C5)
YUV	224.6110, -13.6122, -20.7068
Hunter-Lab	89.4164, -24.8890, 19.6363

Details

The XYZ color **65.9176, 79.9530, 64.7816** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.2564, 64.5227, 92.7071**, and the grayscale version is **71.3903, 75.1082, 81.7928**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **34.3709, 43.2120, 32.5158** is the 20% darker color. If you saturate the color by 10%, you get **57.8565, 76.0948, 51.0730**, and if you desaturate by 10%, it is **75.2791, 84.4348, 80.8781**.

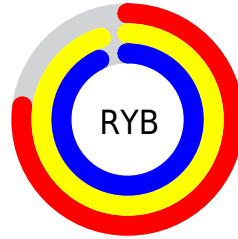
Distribution



Red (79%)

Green (95%)

Blue (77%)



Red (77%)

Yellow (95%)

Blue (93%)

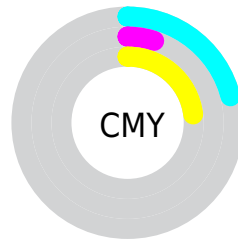


Cyan (17%)

Magenta (0%)

Yellow (19%)

Black (5%)



Cyan (21%)

Magenta (5%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9176, 79.9530, 64.7816 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 65.9176, 79.9530, 64.7816 by changing the saturation by 10% instead.

65.9176, 79.9530,
64.7816

65.9176, 79.9530,
64.7816

435.5754,
494.7744, 460.2914

48.4730, 59.6797,
46.8338

112.4264,
133.2997, 113.3461

34.4144, 43.1605,
32.5509

142.2214,
167.1418, 144.7998

23.3765, 30.0111,
21.5143

176.8638,
206.2756, 181.5926

14.9940, 19.8470,
13.3056

216.7190,
251.0856, 224.1430

8.9015, 12.2839,
7.5061

262.1524,
301.9560, 272.8696

4.7336, 6.9373,
3.6974

313.5294,

2.1249, 3.4229,

359.2714, 328.1908

1.4608

371.2153,
423.4161, 390.5252

0.7027, 1.3563,
0.1885

0.0000, 0.1842,
0.0000

65.9176, 79.9530,
64.7816

65.9176, 79.9530,
64.7816

57.8565, 76.0948,
51.0730

75.2791, 84.4348,
80.8781

51.0321, 72.8228,
39.6336

85.9883, 89.5553,
99.4631

45.3850, 70.1114,
30.3427

91.0437, 91.9874,
107.5646

40.8482, 67.9290,
23.0661

■ 37.3481, 66.2408,
17.6547

■ 34.8022, 65.0079,
13.9386

■ 33.1148, 64.1854,
11.7173

■ 32.1635, 63.7165,
10.7009

■ 32.0738, 63.6724,
10.5995

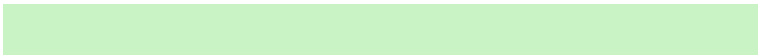
Harmonies

Analogous

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



71.2311, 79.9530, 55.5414



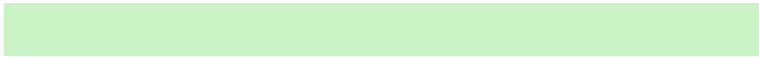
65.9176, 79.9530, 64.7816



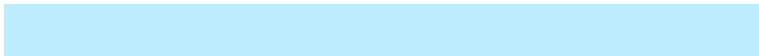
63.3477, 79.9530, 81.0956

Triad

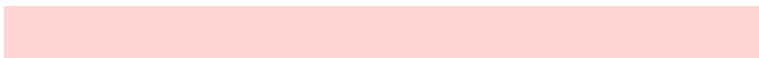
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.9176, 79.9530, 64.7816



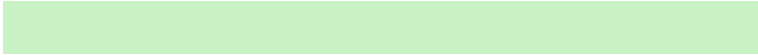
73.8825, 79.9530, 131.4213



89.3990, 79.9530, 73.8525

Complementary

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



65.9176, 79.9530, 64.7816



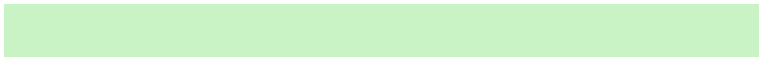
71.2564, 64.5227, 92.7071

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.



90.2180, 79.9530, 93.2999



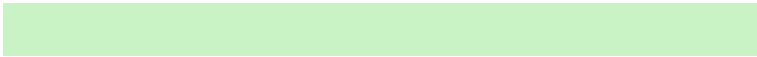
65.9176, 79.9530, 64.7816



80.9624, 79.9530, 128.6790

Square

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



65.9176, 79.9530, 64.7816



67.7552, 79.9530, 120.9235



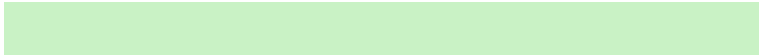
87.0459, 79.9530, 113.9256



84.8727, 79.9530, 60.1867

Rectangle

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



65.9176, 79.9530, 64.7816



63.4192, 79.9530, 94.6793



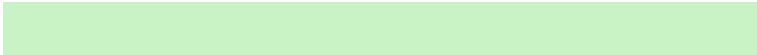
87.0459, 79.9530, 113.9256



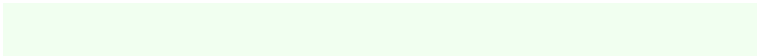
90.1276, 79.9530, 79.8519

Sweetspot

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



65.9197, 79.9564, 64.7834



87.7396, 96.5047, 96.2075



77.1286, 83.7707, 64.9288



18.6168, 20.5780, 20.3100



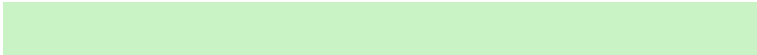
0.0000, 0.0000, 0.0000



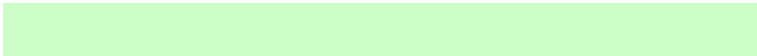
20.3446, 21.4041, 23.3091

Same Dimension

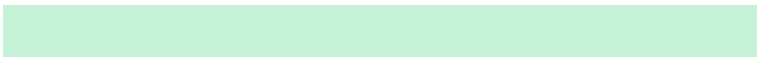
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.9197, 79.9564, 64.7834



70.9276, 88.4601, 67.3082



67.0464, 80.2845, 76.2550



15.6961, 17.7235, 16.7434



17.2766, 34.2280, 5.6961



1.4814, 2.8702, 0.4759

Inverse Universe

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



71.2564, 64.5227, 92.7071



77.8800, 68.3475, 103.6954



70.0416, 64.1937, 79.2229



16.3077, 15.9558, 19.9419



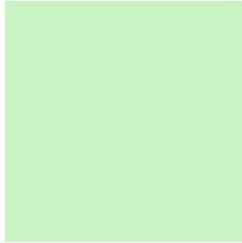
24.6063, 11.6904, 46.0875



2.0873, 0.9933, 3.8359

Previews

White Background



This preview shows how the XYZ color 65.9176, 79.9530, 64.7816 looks on a white background.

Color Contrast Check

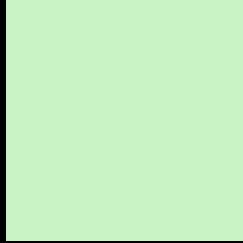
Large Text (above 18pt) WCAG AA × Fail

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 65.9176, 79.9530, 64.7816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

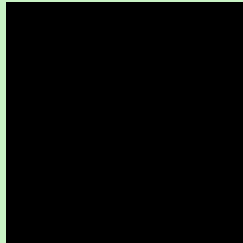
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

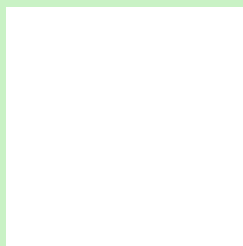
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9176, 79.9530, 64.7816

Background



This preview shows how black text looks on a background with the XYZ color 65.9176, 79.9530, 64.7816.

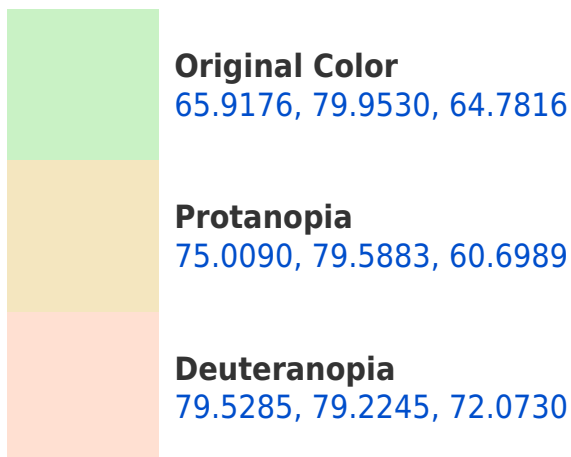


This preview shows how white text looks on a background with the XYZ color 65.9176, 79.9530,

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

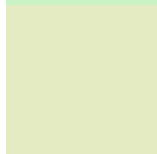
73.7308, 79.6391, 104.4144

Trichromacy



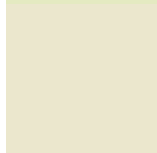
Original Color

65.9176, 79.9530, 64.7816



Protanomaly

71.0434, 79.1899, 61.9929



Deuteranomaly

73.8563, 79.2218, 69.1563



Tritanomaly

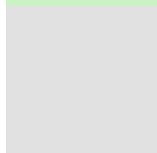
70.7243, 79.7170, 88.7501

Monochromacy



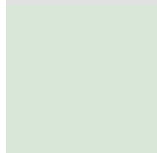
Original Color

65.9176, 79.9530, 64.7816



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.1606, 76.6571, 75.4411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9176, 79.9530, 64.7816 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(201, 242, 197)` looks like.

```
.text, #text, p{  
    color:rgb(201, 242, 197)  
}
```

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(201, 242, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 242, 197) }
```

Border

The CSS property to change the border of an element to XYZ 65.9176, 79.9530, 64.7816 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(201, 242, 197) }
```


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

```
.border{ border-color:rgb(201, 242, 197) }
```

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

Here you see how a box with a 4 pixel rgb(201, 242, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 242, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 242, 197);  
box-shadow:4px 4px 4px 4px rgb(201, 242,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9176, 79.9530, 64.7816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 242, 197) }
```

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

```
.background{ background-color: rgb(201,  
242, 197) }
```

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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