

Converting Colors

XYZ(65.7590, 79.7925, 73.4349)

Have a look what the booklet for
XYZ(65.7590, 79.7925, 73.4349)
contains.

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Color

**XYZ(65.7581, 79.6767,
73.5413)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F2D3
RGB	194, 242, 211
RGB Percent	76%, 95%, 83%
CMY	0.2392, 0.0510, 0.1725
CMYK	0.20, 0.00, 0.13, 0.05
HSL	141°, 65%, 85%
HSV	141°, 20%, 95%
XYZ	65.7581, 79.6767, 73.5413
YIQ	224.1140, -18.6570, -19.8170

Conversions

Conversions Part 2

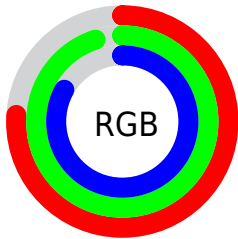
Format	Color
RYB	194, 229, 242
Decimal	12776147
CIELab	91.54, -21.31, 9.94
CIELCh	92, 23.513, 155.003
Yxy	79.6767, 0.3003, 0.3639
Android (android.graphics.Color)	4290966227 (0xFFC2F2D3)
YUV	224.1140, -6.4652, -26.4100
Hunter-Lab	89.2618, -24.7094, 13.6352

Details

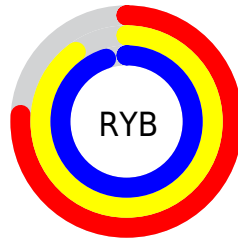
The XYZ color **65.7581, 79.6767, 73.5413** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.5031, 62.8990, 79.7151**, and the grayscale version is **70.9891, 74.6861, 81.3331**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **34.3749, 43.0936, 37.9586** is the 20% darker color. If you saturate the color by 10%, you get **58.1807, 75.9881, 63.4512**, and if you desaturate by 10%, it is **74.5419, 83.9696, 84.6859**.

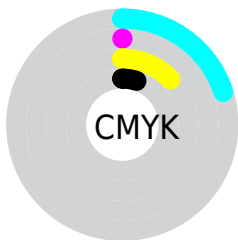
Distribution



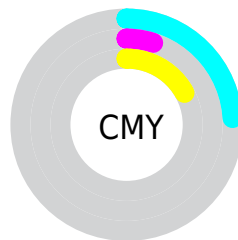
- Red (76%)
- Green (95%)
- Blue (83%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7581, 79.6767, 73.5413 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 65.7581, 79.6767, 73.5413 by changing the saturation by 10% instead.

65.7581, 79.6767,
73.5413

65.7581, 79.6767,
73.5413

435.0136,
493.8426, 492.0097

48.3430, 59.4523,
53.9242

112.1987,
132.9111, 125.9734

34.3110, 42.9774,
38.1483

141.9550,
166.6899, 159.6254

23.2966, 29.8674,
25.7951

176.5557,
205.7557, 198.7929

14.9346, 19.7379,
16.4460

216.3663,
250.4928, 243.8942

8.8595, 12.2047,
9.6825

261.7520,
301.2857, 295.3480

4.7060, 6.8832,
5.0861

313.0782,

2.1088, 3.3892,

358.5187, 353.5729

2.2383

370.7102,
422.5762, 418.9873

■ 0.6940, 1.3381,
0.6963

■ 0.0000, 0.1704,
0.0000

■ 65.7581, 79.6767,
73.5413

■ 65.7581, 79.6767,
73.5413

■ 58.1807, 75.9881,
63.4512

■ 74.5419, 83.9696,
84.6859

■ 51.7487, 72.8665,
54.3794

■ 84.5763, 88.8824,
96.9091

■ 46.4059, 70.2856,
46.2955

■ 91.0436, 91.9873,
107.5645

■ 42.0882, 68.2130,
39.1655

■ 38.7246, 66.6130,
32.9533

■ 36.2345, 65.4448,
27.6204

■ 34.5228, 64.6601,
23.1256

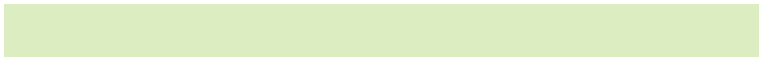
■ 33.4368, 64.1811,
19.4219

■ 33.4215, 64.1744,
19.3673

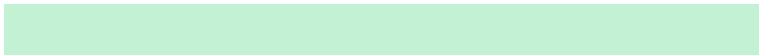
Harmonies

Analogous

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



69.3101, 79.6767, 62.4300



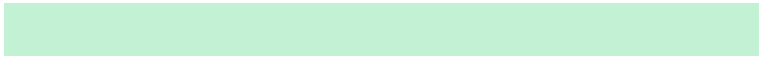
65.7581, 79.6767, 73.5413



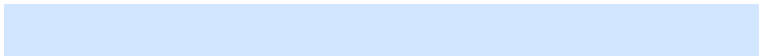
64.8200, 79.6767, 89.6647

Triad

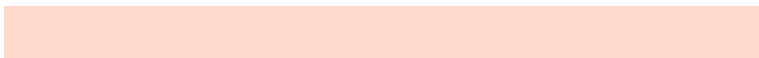
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.7581, 79.6767, 73.5413



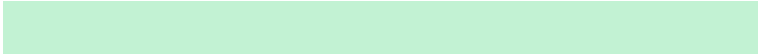
76.7398, 79.6767, 123.9628



85.5680, 79.6767, 69.1656

Complementary

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



65.7581, 79.6767, 73.5413



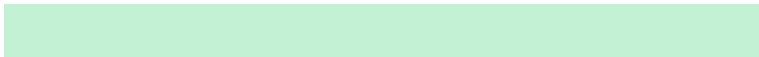
69.5031, 62.8990, 79.7151

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.



87.8009, 79.6767, 83.9077



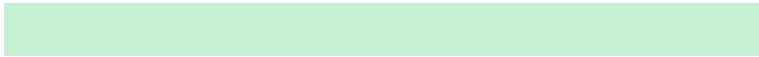
65.7581, 79.6767, 73.5413



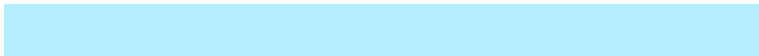
82.5353, 79.6767, 116.6955

Square

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



65.7581, 79.6767, 73.5413



70.9640, 79.6767, 120.2382



86.6629, 79.6767, 101.4623



80.7054, 79.6767, 60.1470

Rectangle

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



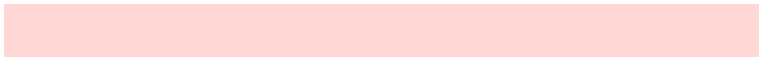
65.7581, 79.6767, 73.5413



65.7586, 79.6767, 101.4658



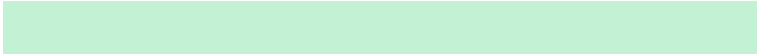
86.6629, 79.6767, 101.4623



86.6624, 79.6767, 73.5385

Sweetspot

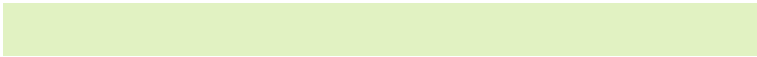
The Sweet Spot groups the original color and five complimentary colors.



65.7603, 79.6800, 73.5431



88.0929, 96.5926, 100.4823



72.6063, 83.4427, 63.3192



18.7002, 20.5988, 21.3170



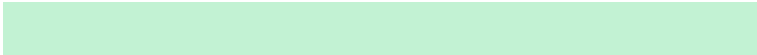
0.0000, 0.0000, 0.0000



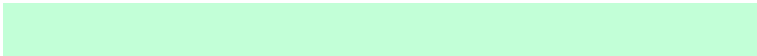
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7603, 79.6800, 73.5431



70.2835, 87.8936, 77.8704



68.9693, 80.9637, 90.4418



15.7971, 17.7489, 17.9545



18.0123, 34.4969, 10.7135



1.5441, 2.8881, 1.1317

Inverse Universe

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



69.5031, 62.8990, 79.7151



75.2420, 65.6565, 86.0427



66.4783, 61.6890, 63.7865



16.2028, 15.9308, 18.6239



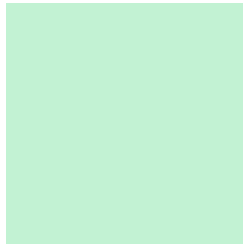
22.9760, 11.4628, 18.3220



1.9585, 0.9724, 1.7722

Previews

White Background



This preview shows how the XYZ color 65.7581, 79.6767, 73.5413 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 65.7581, 79.6767, 73.5413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

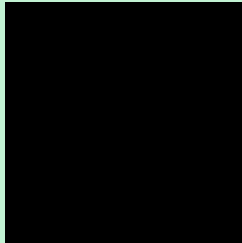
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

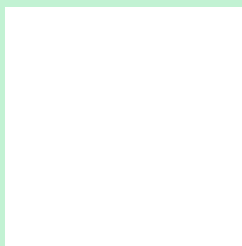
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7581, 79.6767, 73.5413

Background



This preview shows how black text looks on a background with the XYZ color 65.7581, 79.6767, 73.5413.

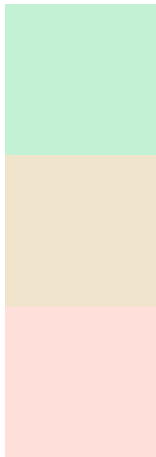


This preview shows how white text looks on a background with the XYZ color 65.7581, 79.6767,

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

65.7581, 79.6767, 73.5413

Protanopia

74.8536, 78.9235, 68.4153

Deuteranopia

80.1521, 79.0451, 76.6784



Tritanopia

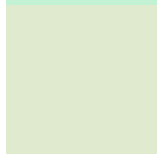
72.4026, 79.7675, 106.1884

Trichromacy



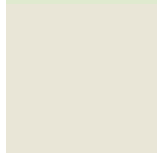
Original Color

65.7581, 79.6767, 73.5413



Protanomaly

71.1167, 79.0386, 70.5392



Deuteranomaly

74.1668, 78.8236, 75.5954



Tritanomaly

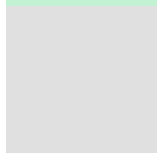
69.7077, 79.5232, 93.3369

Monochromacy



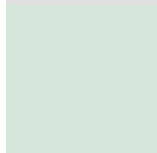
Original Color

65.7581, 79.6767, 73.5413



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

68.8027, 76.4124, 78.1406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7581, 79.6767, 73.5413 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, 242, 211)` looks like.

```
.text, #text, p{  
    color:rgb(194, 242, 211)  
}
```

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, 242, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 242, 211) }
```

Border

The CSS property to change the border of an element to XYZ 65.7581, 79.6767, 73.5413 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, 242, 211) }
```


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

```
.border{ border-color:rgb(194, 242, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 242, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 242, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 242, 211);  
box-shadow:4px 4px 4px 4px rgb(194, 242,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7581, 79.6767, 73.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 242, 211) }
```

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

```
.background{ background-color: rgb(194,  
242, 211) }
```

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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