

Converting Colors

XYZ(65.3624, 79.1096, 84.8905)

Have a look what the booklet for
XYZ(65.3624, 79.1096, 84.8905)
contains.

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Color

**XYZ(65.5229, 79.2960,
85.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F2E4
RGB	184, 242, 228
RGB Percent	72%, 95%, 89%
CMY	0.2784, 0.0510, 0.1059
CMYK	0.24, 0.00, 0.06, 0.05
HSL	166°, 69%, 84%
HSV	166°, 24%, 95%
XYZ	65.5229, 79.2960, 85.2510
YIQ	223.0620, -30.0740, -16.6500

Conversions

Conversions Part 2

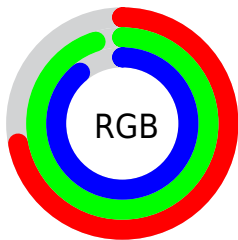
Format	Color
RYB	184, 217, 242
Decimal	12120804
CIELab	91.37, -21.10, 0.78
CIElCh	91, 21.114, 177.879
Yxy	79.2960, 0.2848, 0.3447
Android (android.graphics.Color)	4290310884 (0xFFB8F2E4)
YUV	223.0620, 2.4344, -34.2574
Hunter-Lab	89.0483, -24.4919, 5.5721

Details

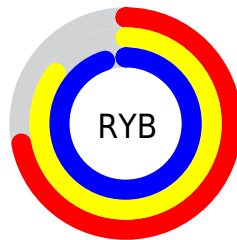
The XYZ color **65.5229, 79.2960, 85.2510** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.9543, 57.2376, 61.1067**, and the grayscale version is **70.1837, 73.8387, 80.4103**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **34.3077, 42.8808, 46.0038** is the 20% darker color. If you saturate the color by 10%, you get **59.4174, 76.2427, 80.8039**, and if you desaturate by 10%, it is **72.6520, 82.8780, 89.8925**.

Distribution



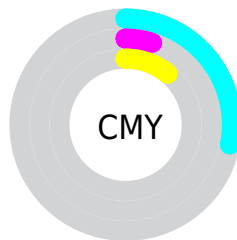
- Red (72%)
- Green (95%)
- Blue (89%)



- Red (72%)
- Yellow (85%)
- Blue (95%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (28%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5229, 79.2960, 85.2510 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 65.5229, 79.2960, 85.2510 by changing the saturation by 10% instead.

65.5229, 79.2960,
85.2510

65.5229, 79.2960,
85.2510

434.1842,
492.5571, 532.6245

48.1515, 59.1392,
63.4975

111.8628,
132.3755, 142.6011

34.1586, 42.7252,
45.8002

141.5620,
166.0670, 179.0347

23.1789, 29.6696,
31.7406

176.1012,
205.0388, 221.1988

14.8471, 19.5879,
20.9003

215.8457,
249.6754, 269.5118

8.7978, 12.0958,
12.8606

261.1610,
300.3611, 324.3923

4.6656, 6.8090,
7.2030

312.4122,

2.0851, 3.3429,

357.4804, 386.2589

3.5090

369.9648,
421.4176, 455.5301

■ 0.6811, 1.3133,
1.3601

■ 0.0000, 0.1515,
0.1103

■ 65.5229, 79.2960,
85.2510

■ 65.5229, 79.2960,
85.2510

■ 59.4174, 76.2427,
80.8039

■ 72.6520, 82.8780,
89.8925

■ 54.2780, 73.6823,
76.5420

■ 80.8451, 87.0031,
94.7266

■ 50.0517, 71.5895,
72.4631

■ 89.5559, 91.3920,
99.7308

■ 46.6778, 69.9330,
68.5630

■ 90.4648, 91.7556,
104.5170

■ 44.0878, 68.6776,
64.8370

■ 91.0435, 91.9871,
107.5645

■ 42.2023, 67.7824,
61.2799

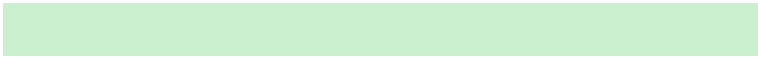
■ 40.9249, 67.1976,
57.8856

■ 40.3612, 66.9501,
55.9120

Harmonies

Analogous

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



66.9653, 79.2960, 71.5650



65.5229, 79.2960, 85.2510



66.6130, 79.2960, 100.9040

Triad

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



65.5229, 79.2960, 85.2510



80.2956, 79.2960, 115.1751



80.9875, 79.2960, 63.6585

Complementary

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



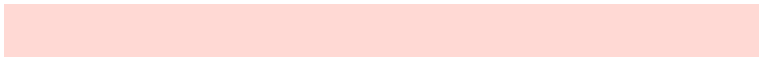
65.5229, 79.2960, 85.2510



63.9543, 57.2376, 61.1067

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.



84.8594, 79.2960, 73.2493



65.5229, 79.2960, 85.2510



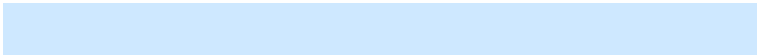
84.4468, 79.2960, 103.0200

Square

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



65.5229, 79.2960, 85.2510



74.9873, 79.2960, 119.3551



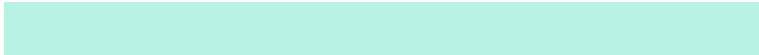
86.1540, 79.2960, 87.4380



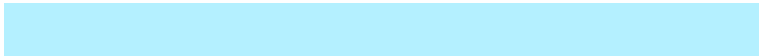
75.7509, 79.2960, 60.0544

Rectangle

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



65.5229, 79.2960, 85.2510



68.6594, 79.2960, 110.1586



86.1540, 79.2960, 87.4380



82.5009, 79.2960, 66.2287

Sweetspot

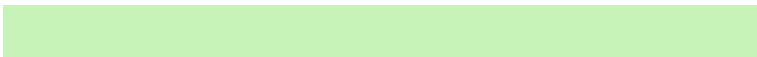
The Sweet Spot groups the original color and five complimentary colors.



65.5252, 79.2993, 85.2528



88.0990, 96.4959, 104.9936



63.8271, 79.0421, 57.2415



18.7347, 20.5926, 22.4019



0.0000, 0.0000, 0.0000



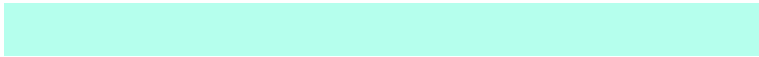
20.3446, 21.4041, 23.3091

Same Dimension

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



65.5252, 79.2993, 85.2528



70.1353, 87.4728, 93.4207



63.4027, 71.8161, 94.5283



16.0747, 17.8599, 19.4163



21.7378, 35.9872, 30.3321



1.8470, 3.0092, 2.7265

Inverse Universe

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



63.9543, 57.2376, 61.1067



68.0716, 58.4471, 61.6675



65.5809, 62.9575, 54.0444



15.9292, 15.8214, 17.1836



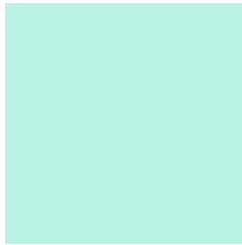
20.1322, 10.3253, 3.3469



1.7127, 0.8741, 0.4779

Previews

White Background



This preview shows how the XYZ color 65.5229, 79.2960, 85.2510 looks on a white background.

Color Contrast Check

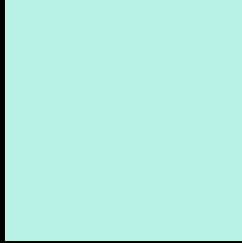
Large Text (above 18pt) WCAG AA × Fail

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 65.5229, 79.2960, 85.2510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

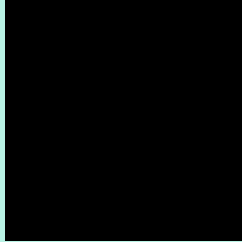
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

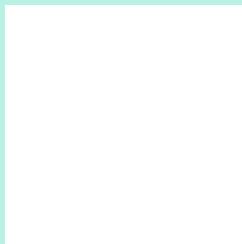
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5229, 79.2960, 85.2510

Background



This preview shows how black text looks on a background with the XYZ color 65.5229, 79.2960, 85.2510.



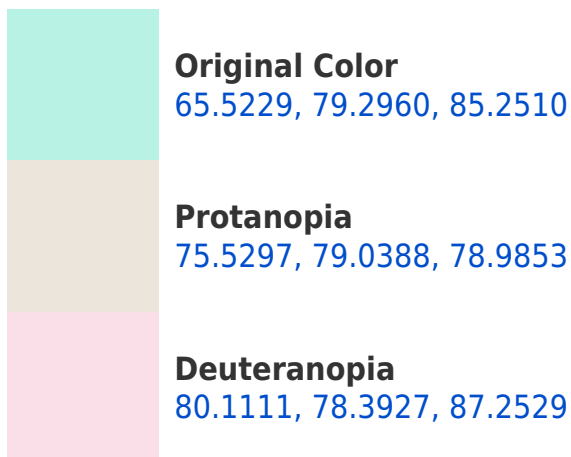
This preview shows how white text looks on a background with the XYZ color 65.5229, 79.2960,

85.2510.

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

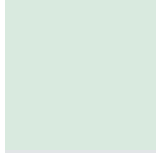
70.3265, 79.1258, 106.1740

Trichromacy



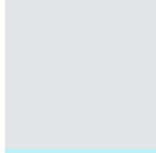
Original Color

65.5229, 79.2960, 85.2510



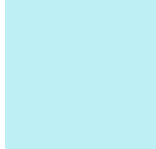
Protanomaly

71.3574, 78.9251, 81.2852



Deuteranomaly

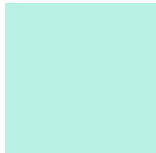
73.8071, 77.9769, 86.7623



Tritanomaly

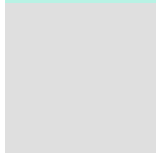
68.5831, 79.2727, 98.0727

Monochromacy



Original Color

65.5229, 79.2960, 85.2510



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

68.1819, 75.5852, 82.2300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5229, 79.2960, 85.2510 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(184, 242, 228)` looks like.

```
.text, #text, p{  
    color:rgb(184, 242, 228)  
}
```

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(184, 242, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 242, 228) }
```

Border

The CSS property to change the border of an element to XYZ 65.5229, 79.2960, 85.2510 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(184, 242, 228) }
```


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

```
.border{ border-color:rgb(184, 242, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 242, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 242, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 242, 228);  
box-shadow:4px 4px 4px 4px rgb(184, 242,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5229, 79.2960, 85.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 242, 228) }
```

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

```
.background{ background-color: rgb(184,  
242, 228) }
```

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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