

Converting Colors

XYZ(65.7515, 79.3325, 88.9380)

Have a look what the booklet for
XYZ(65.7515, 79.3325, 88.9380)
contains.

XYZ(65.7515, 79.3325, 88.9380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.7515, 79.3325,
88.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F2E9
RGB	182, 242, 233
RGB Percent	71%, 95%, 91%
CMY	0.2863, 0.0510, 0.0863
CMYK	0.25, 0.00, 0.04, 0.05
HSL	171°, 70%, 83%
HSV	171°, 25%, 95%
XYZ	65.7515, 79.3325, 88.9380
YIQ	223.0340, -32.8710, -15.5190

Conversions

Conversions Part 2

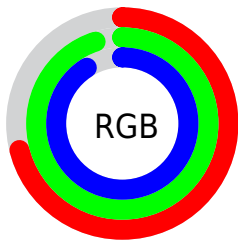
Format	Color
R _Y B	182, 214, 242
Decimal	11989737
CIE Lab	91.38, -20.66, -1.81
CIE LCh	91, 20.736, 185.008
Yxy	79.3325, 0.2810, 0.3390
Android (android.graphics.Color)	4290179817 (0xFFB6F2E9)
YUV	223.0340, 4.9132, -35.9868
Hunter-Lab	89.0688, -24.0999, 3.1452

Details

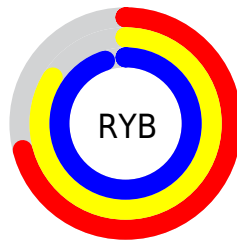
The XYZ color **65.7515, 79.3325, 88.9380** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.7526, 56.0969, 56.8138**, and the grayscale version is **70.1481, 73.8013, 80.3696**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **34.3968, 42.8813, 48.0590** is the 20% darker color. If you saturate the color by 10%, you get **60.0099, 76.4340, 85.9907**, and if you desaturate by 10%, it is **72.4960, 82.7509, 91.9914**.

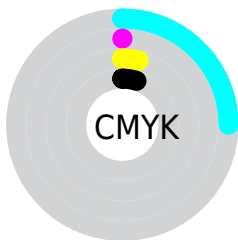
Distribution



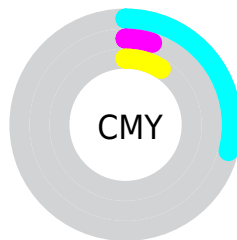
- Red (71%)
- Green (95%)
- Blue (91%)



- Red (71%)
- Yellow (84%)
- Blue (95%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (29%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7515, 79.3325, 88.9380 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 65.7515, 79.3325, 88.9380 by changing the saturation by 10% instead.

65.7515, 79.3325,
88.9380

65.7515, 79.3325,
88.9380

434.9903,
492.6805, 545.0508

48.3377, 59.1692,
66.5314

112.1893,
132.4269, 147.7849

34.3067, 42.7494,
48.2447

141.9440,
166.1267, 185.0624

23.2933, 29.6885,
33.6594

176.5430,
205.1076, 228.1339

14.9321, 19.6023,
22.3568

216.3517,
249.7538, 277.4180

8.8578, 12.1063,
13.9185

261.7354,
300.4498, 333.3331

4.7049, 6.8161,
7.9259

313.0595,

2.1081, 3.3474,

357.5800, 396.2980

3.9605

370.6893,
421.5288, 466.7310

■ 0.6936, 1.3157,
1.6037

■ 0.0000, 0.1533,
0.2934

■ 65.7515, 79.3325,
88.9380

■ 65.7515, 79.3325,
88.9380

■ 60.0099, 76.4340,
85.9907

■ 72.4960, 82.7509,
91.9914

■ 55.2134, 74.0194,
83.1413


■ 80.2838, 86.7039,
95.1480


■ 51.3090, 72.0635,
80.3887


■ 89.1612, 91.2173,
98.4119


■ 48.2355, 70.5347,
77.7297


■ 89.8634, 91.5150,
101.3500

 45.9240, 69.3975,
75.1608


 90.4309, 91.7420,
104.3387

 44.2941, 68.6106,
72.6779

 91.0095, 91.9734,
107.3854

 43.2476, 68.1232,
70.2760

 91.0435, 91.9870,
107.5645

 42.8568, 67.9484,
69.0538

Harmonies

Analogous

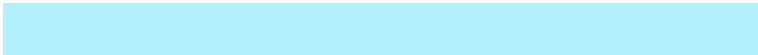
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.5858, 79.3325, 74.6884



65.7515, 79.3325, 88.9380



67.4034, 79.3325, 104.1229

Triad

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



65.7515, 79.3325, 88.9380



81.3677, 79.3325, 112.3995



79.7663, 79.3325, 62.6537

Complementary

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



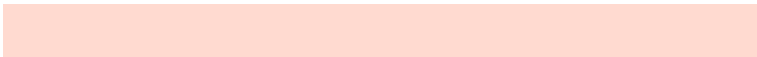
65.7515, 79.3325, 88.9380



62.7526, 56.0969, 56.8138

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.



84.0121, 79.3325, 70.7760



65.7515, 79.3325, 88.9380



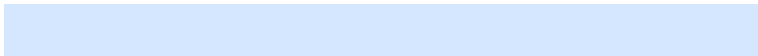
84.9665, 79.3325, 99.2313

Square

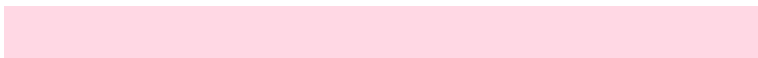
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



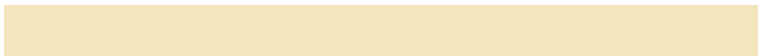
65.7515, 79.3325, 88.9380



76.2913, 79.3325, 118.6382



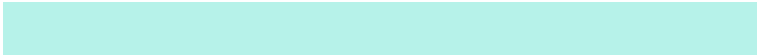
85.9559, 79.3325, 83.8708



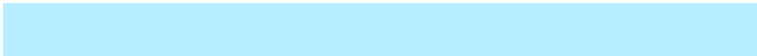
74.5220, 79.3325, 60.5727

Rectangle

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



65.7515, 79.3325, 88.9380



69.7396, 79.3325, 112.4050



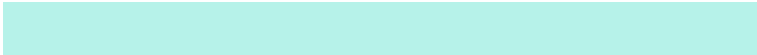
85.9559, 79.3325, 83.8708



81.3653, 79.3325, 64.7175

Sweetspot

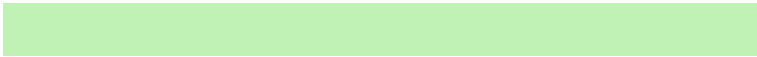
The Sweet Spot groups the original color and five complimentary colors.



65.7538, 79.3357, 88.9398



88.3569, 96.5990, 106.3516



61.9363, 78.0914, 56.0662



18.7945, 20.6165, 22.7172



0.0000, 0.0000, 0.0000



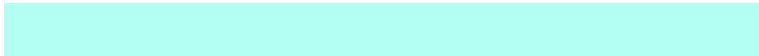
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7538, 79.3357, 88.9398



70.4916, 87.5469, 98.3905



61.4421, 68.6012, 94.0111



16.1395, 17.8858, 19.7573



23.0627, 36.5171, 37.3085



1.9460, 3.0488, 3.2480

Inverse Universe

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



62.7526, 56.0969, 56.8138



66.5520, 57.0169, 56.2005



66.1846, 64.4982, 53.2185



15.8694, 15.7975, 16.8687



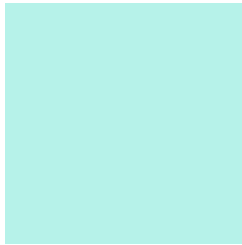
19.8757, 10.2227, 1.9961



1.6826, 0.8621, 0.3194

Previews

White Background



This preview shows how the XYZ color 65.7515, 79.3325, 88.9380 looks on a white background.

Color Contrast Check

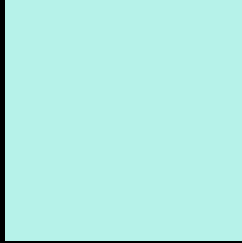
Large Text (above 18pt) WCAG AA × Fail

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 65.7515, 79.3325, 88.9380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

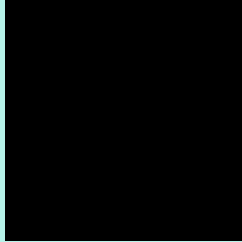
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

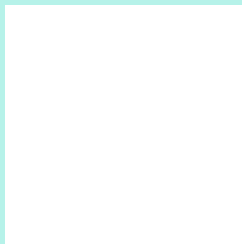
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7515, 79.3325, 88.9380

Background



This preview shows how black text looks on a background with the XYZ color 65.7515, 79.3325, 88.9380.



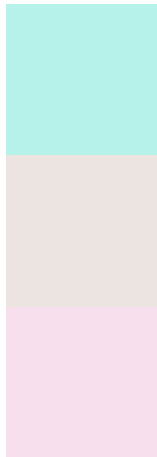
This preview shows how white text looks on a background with the XYZ color 65.7515, 79.3325,

88.9380.

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

65.7515, 79.3325, 88.9380

Protanopia

75.5950, 78.5852, 82.4183

Deuteranopia

80.3851, 78.8462, 91.1029



Tritanopia

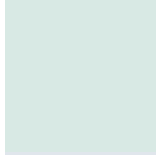
70.1104, 79.4454, 106.2470

Trichromacy



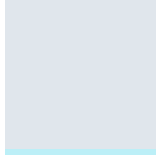
Original Color

65.7515, 79.3325, 88.9380



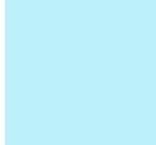
Protanomaly

71.4614, 78.4782, 84.7802



Deuteranomaly

74.1776, 78.4971, 90.5987



Tritanomaly

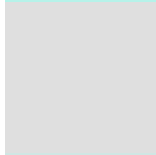
68.3940, 79.1398, 99.6664

Monochromacy



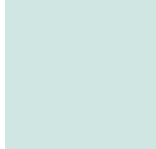
Original Color

65.7515, 79.3325, 88.9380



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

68.1744, 75.5496, 83.6624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7515, 79.3325, 88.9380 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(182, 242, 233)` looks like.

```
.text, #text, p{  
    color:rgb(182, 242, 233)  
}
```

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(182, 242, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 242, 233) }
```

Border

The CSS property to change the border of an element to XYZ 65.7515, 79.3325, 88.9380 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(182, 242, 233) }
```


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

```
.border{ border-color:rgb(182, 242, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 242, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 242, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 242, 233);  
box-shadow:4px 4px 4px 4px rgb(182, 242,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7515, 79.3325, 88.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 242, 233) }
```

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

```
.background{ background-color: rgb(182,  
242, 233) }
```

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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