

Converting Colors

XYZ(65.3210, 79.3024, 94.8094)

Have a look what the booklet for
XYZ(65.3210, 79.3024, 94.8094)
contains.

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Color

**XYZ(65.3833, 79.4507,
95.1085)**

Conversions

Conversions Part 1

Format	Color
Hex	AEF3F1
RGB	174, 243, 241
RGB Percent	68%, 95%, 95%
CMY	0.3176, 0.0470, 0.0549
CMYK	0.28, 0.00, 0.01, 0.05
HSL	178°, 74%, 82%
HSV	178°, 28%, 95%
XYZ	65.3833, 79.4507, 95.1085
YIQ	222.1410, -40.4820, -15.2500

Conversions

Conversions Part 2

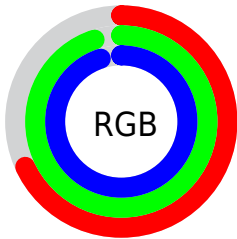
Format	Color
RYB	174, 209, 243
Decimal	11465713
CIELab	91.44, -21.71, -5.95
CIELCh	91, 22.513, 195.313
Yxy	79.4507, 0.2725, 0.3311
Android (android.graphics.Color)	4289655793 (0xFFAEF3F1)
YUV	222.1410, 9.2975, -42.2197
Hunter-Lab	89.1351, -25.0513, -0.8687

Details

The XYZ color **65.3833, 79.4507, 95.1085** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.9374, 52.4636, 48.0448**, and the grayscale version is **69.4895, 73.1083, 79.6150**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **34.1350, 42.9654, 52.3930** is the 20% darker color. If you saturate the color by 10%, you get **60.3472, 76.8687, 94.3255**, and if you desaturate by 10%, it is **71.4038, 82.5442, 95.9431**.

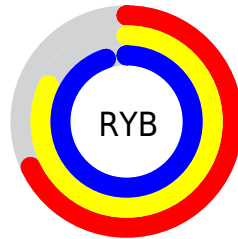
Distribution



Red (68%)

Green (95%)

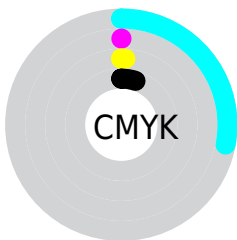
Blue (95%)



Red (68%)

Yellow (82%)

Blue (95%)

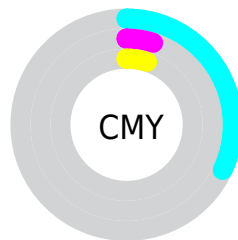


Cyan (28%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (32%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3833, 79.4507, 95.1085 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 65.3833, 79.4507, 95.1085 by changing the saturation by 10% instead.

65.3833, 79.4507,
95.1085

65.3833, 79.4507,
95.1085

433.6916,
493.0797, 565.5055

48.0378, 59.2664,
71.6279

111.6634,
132.5932, 156.4114

34.0682, 42.8276,
52.3698

141.3287,
166.3202, 195.0707

23.1091, 29.7499,
36.9156

175.8313,
205.3302, 239.6267

14.7953, 19.6488,
24.8469

215.5366,
250.0077, 290.4979

8.7612, 12.1400,
15.7450

260.8099,
300.7370, 348.1028

4.6416, 6.8391,
9.1915

312.0166,

2.0711, 3.3617,

357.9025, 412.8600

4.7678

369.5221,
421.8886, 485.1881

■ 0.6734, 1.3234,
2.0553

■ 0.0000, 0.1592,
0.5890

■ 65.3833, 79.4507,
95.1085

■ 65.3833, 79.4507,
95.1085

■ 60.3472, 76.8687,
94.3255

■ 71.4038, 82.5442,
95.9431

■ 56.2357, 74.7612,
93.5862

■ 78.4505, 86.1647,
96.8262

■ 52.9932, 73.1017,
92.8897

■ 86.5715, 90.3389,
97.7616

■ 50.5556, 71.8571,
92.2330

■ 89.5942, 91.8848,
98.4606

48.8496, 70.9895,
91.6126

89.7015, 91.9277,
99.0253

47.7887, 70.4546,
91.0246

89.8091, 91.9708,
99.5922

47.2504, 70.1889,
90.4631

89.9172, 92.0140,
100.1612

47.1851, 70.1572,
90.3742

90.0257, 92.0574,
100.7324

90.1345, 92.1009,
101.3058

Harmonies

Analogous

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



65.3550, 79.4507, 78.7551



65.3833, 79.4507, 95.1085



68.0322, 79.4507, 110.9268

Triad

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



65.3833, 79.4507, 95.1085



83.6194, 79.4507, 110.6394



78.3424, 79.4507, 59.4436

Complementary

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



65.3833, 79.4507, 95.1085



59.9374, 52.4636, 48.0448

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.



83.5284, 79.4507, 65.9652



65.3833, 79.4507, 95.1085



86.6780, 79.4507, 94.7543

Square

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



65.3833, 79.4507, 95.1085



78.4616, 79.4507, 120.6358



86.6439, 79.4507, 78.4428



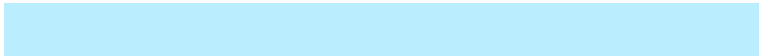
72.6441, 79.4507, 59.5131

Rectangle

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



65.3833, 79.4507, 95.1085



71.0084, 79.4507, 118.4486



86.6439, 79.4507, 78.4428



80.2094, 79.4507, 60.8976

Sweetspot

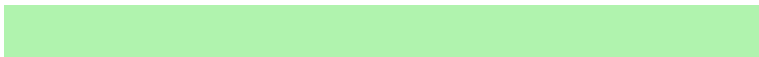
The Sweet Spot groups the original color and five complimentary colors.



65.3856, 79.4539, 95.1103



86.9979, 95.8613, 107.9643



57.6653, 76.4255, 51.7583



18.3623, 20.3853, 23.0774



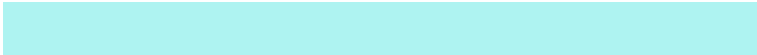
0.0000, 0.0000, 0.0000



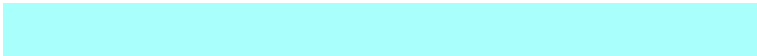
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3856, 79.4539, 95.1103



69.6198, 86.9368, 105.6087



56.8801, 61.9615, 93.7595



16.9747, 18.7490, 21.1511



25.9050, 38.5068, 49.6471



2.2832, 3.3870, 4.3974

Inverse Universe

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



59.9374, 52.4636, 48.0448



62.6313, 52.3095, 45.2322



66.7244, 66.3524, 49.3365



16.5186, 16.4903, 17.2117



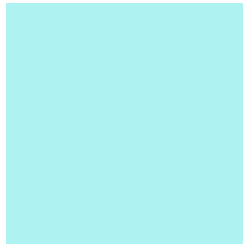
20.3158, 10.4697, 1.1053



1.7923, 0.9229, 0.1326

Previews

White Background



This preview shows how the XYZ color 65.3833, 79.4507, 95.1085 looks on a white background.

Color Contrast Check

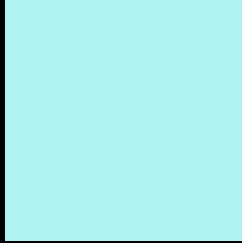
Large Text (above 18pt) WCAG AA × Fail

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 65.3833, 79.4507, 95.1085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

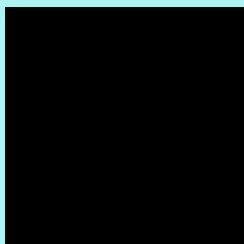
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

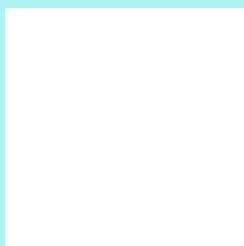
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3833, 79.4507, 95.1085

Background



This preview shows how black text looks on a background with the XYZ color 65.3833, 79.4507, 95.1085.

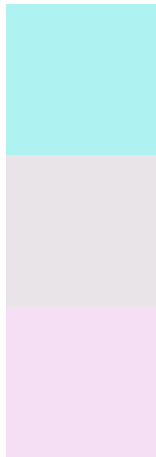


This preview shows how white text looks on a background with the XYZ color 65.3833, 79.4507,

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

65.3833, 79.4507, 95.1085

Protanopia

75.9132, 78.6366, 87.5213

Deuteranopia

80.5253, 78.7804, 97.3482



Tritanopia

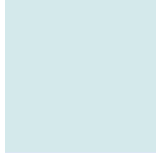
69.4100, 79.5178, 106.2979

Trichromacy



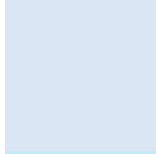
Original Color

65.3833, 79.4507, 95.1085



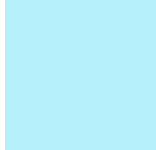
Protanomaly

71.2857, 78.2730, 89.9483



Deuteranomaly

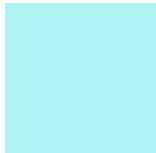
73.8394, 78.1854, 96.7875



Tritanomaly

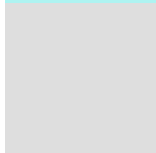
67.7068, 79.1674, 102.1548

Monochromacy



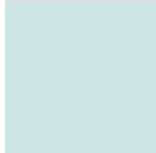
Original Color

65.3833, 79.4507, 95.1085



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

67.6165, 75.2299, 85.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3833, 79.4507, 95.1085 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(174, 243, 241)` looks like.

```
.text, #text, p{  
    color:rgb(174, 243, 241)  
}
```

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(174, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 243, 241) }
```

Border

The CSS property to change the border of an element to XYZ 65.3833, 79.4507, 95.1085 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(174, 243, 241) }
```


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

```
.border{ border-color:rgb(174, 243, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 243, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(174, 243,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3833, 79.4507, 95.1085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 243, 241) }
```

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

```
.background{ background-color: rgb(174,  
243, 241) }
```

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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