

Converting Colors

XYZ(71.6355, 83.3270, 95.4631)

Have a look what the booklet for
XYZ(71.6355, 83.3270, 95.4631)
contains.

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Color

**XYZ(71.5166, 83.0580,
95.4816)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F4F1
RGB	198, 244, 241
RGB Percent	78%, 96%, 95%
CMY	0.2235, 0.0431, 0.0549
CMYK	0.19, 0.00, 0.01, 0.04
HSL	176°, 68%, 87%
HSV	176°, 19%, 96%
XYZ	71.5166, 83.0580, 95.4816
YIQ	229.9040, -26.4530, -10.6850

Conversions

Conversions Part 2

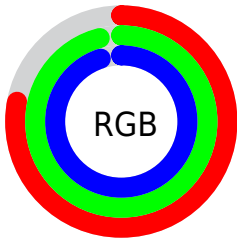
Format	Color
R _Y B	198, 222, 244
Decimal	13038833
CIE Lab	93.04, -15.23, -3.43
CIE LCh	93, 15.610, 192.705
Yxy	83.0580, 0.2860, 0.3322
Android (android.graphics.Color)	4291228913 (0xFFC6F4F1)
YUV	229.9040, 5.4703, -27.9798
Hunter-Lab	91.1362, -19.4153, 1.6783

Details

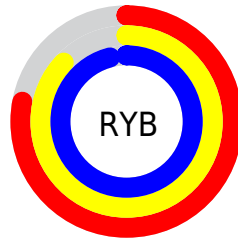
The XYZ color **71.5166, 83.0580, 95.4816** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.0479, 63.8406, 63.9979**, and the grayscale version is **75.1196, 79.0317, 86.0655**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0679, 45.3089, 52.6380** is the 20% darker color. If you saturate the color by 10%, you get **65.3597, 79.9135, 93.9584**, and if you desaturate by 10%, it is **78.7165, 86.7442, 97.0680**.

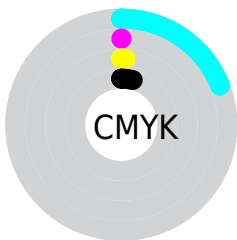
Distribution



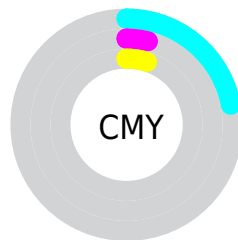
- Red (78%)
- Green (96%)
- Blue (95%)



- Red (78%)
- Yellow (87%)
- Blue (96%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (22%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5166, 83.0580, 95.4816 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 71.5166, 83.0580, 95.4816 by changing the saturation by 10% instead.

71.5166, 83.0580,
95.4816

71.5166, 83.0580,
95.4816

455.0411,
505.1798, 566.7293

53.0479, 62.2380,
71.9368

120.3835,
137.6567, 156.9311

38.0687, 45.2250,
52.6205

151.5125,
172.2042, 195.6728

26.2134, 31.6347,
37.1143

187.5923,
212.0963, 240.3173

17.1169, 21.0826,
24.9995

228.9883,
257.7174, 291.2830

10.4137, 13.1844,
15.8577

276.0658,
309.4519, 348.9885

5.7385, 7.5557,
9.2702

329.1902,

2.7259, 3.8120,

367.6842, 413.8524

4.8186

388.7269,
432.7987, 486.2931

■ 1.0105, 1.5689,
2.0844

■ 0.0000, 0.3365,
0.6064

■ 71.5166, 83.0580,
95.4816

■ 71.5166, 83.0580,
95.4816

■ 65.3597, 79.9135,
93.9584

■ 78.7165, 86.7442,
97.0680

■ 60.1890, 77.2751,
92.4905

■ 86.9983, 90.9858,
98.7141

■ 55.9533, 75.1184,
91.0771

■ 90.1930, 92.6047,
100.1331

■ 52.5941, 73.4133,
89.7155

■ 90.4384, 92.7028,
101.4250

■ 50.0459, 72.1261,
88.4026

■ 90.6858, 92.8018,
102.7279

■ 48.2345, 71.2185,
87.1350

■ 90.9353, 92.9016,
104.0420

■ 47.0715, 70.6449,
85.9083

■ 91.1870, 93.0023,
105.3672

■ 46.4267, 70.3382,
84.7166

■ 91.4408, 93.1038,
106.7035

■ 46.3663, 70.3100,
84.5813

■ 91.6422, 93.1843,
107.7641

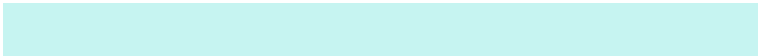
Harmonies

Analogous

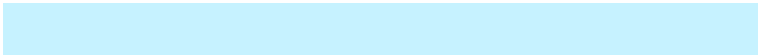
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.6694, 83.0580, 83.9026



71.5166, 83.0580, 95.4816



73.3036, 83.0580, 106.5915

Triad

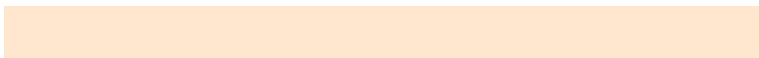
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5166, 83.0580, 95.4816



84.4002, 83.0580, 108.0215



81.3058, 83.0580, 70.5870

Complementary

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



71.5166, 83.0580, 95.4816



68.0479, 63.8406, 63.9979

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.



84.8668, 83.0580, 76.0015



71.5166, 83.0580, 95.4816



86.6952, 83.0580, 97.3001

Square

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



71.5166, 83.0580, 95.4816



80.6868, 83.0580, 114.2405



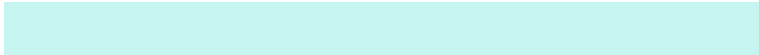
86.8689, 83.0580, 85.5714



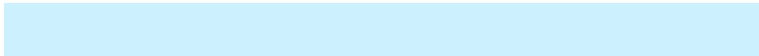
77.2268, 83.0580, 70.1918

Rectangle

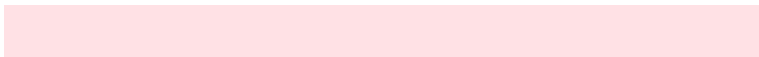
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



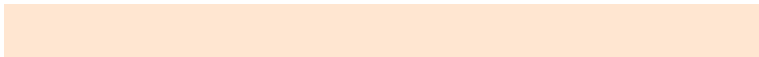
71.5166, 83.0580, 95.4816



75.3916, 83.0580, 111.9691



86.8689, 83.0580, 85.5714



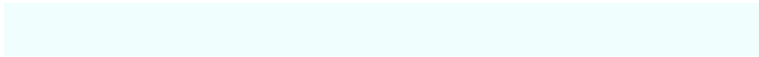
82.6065, 83.0580, 71.8574

Sweetspot

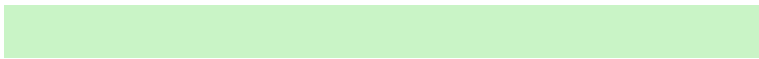
The Sweet Spot groups the original color and five complimentary colors.



71.5190, 83.0614, 95.4835



89.4830, 97.1486, 107.8022



66.6516, 81.2088, 65.5896



19.0290, 20.7303, 23.0489



0.0000, 0.0000, 0.0000



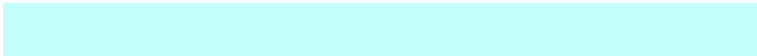
20.3446, 21.4041, 23.3091

Same Dimension

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



71.5190, 83.0614, 95.4835



76.0557, 90.2786, 104.8253



66.2939, 71.8873, 95.9734



16.9473, 18.7380, 21.0066



25.2303, 38.2369, 46.0939



2.2313, 3.3662, 4.1241

Inverse Universe

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



68.0479, 63.8406, 63.9979



71.5052, 65.0764, 63.5455



72.5583, 73.4214, 63.7752



16.5430, 16.5001, 17.3400



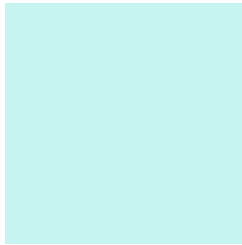
20.3535, 10.4848, 1.3038



1.8039, 0.9275, 0.1939

Previews

White Background



This preview shows how the XYZ color 71.5166, 83.0580, 95.4816 looks on a white background.

Color Contrast Check

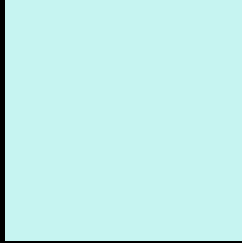
Large Text (above 18pt) WCAG AA × Fail

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 71.5166, 83.0580, 95.4816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

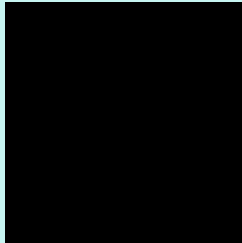
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

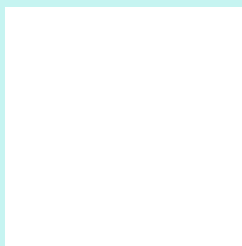
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5166, 83.0580, 95.4816

Background



This preview shows how black text looks on a background with the XYZ color 71.5166, 83.0580, 95.4816.



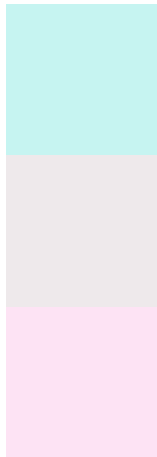
This preview shows how white text looks on a background with the XYZ color 71.5166, 83.0580,

95.4816.

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

71.5166, 83.0580, 95.4816

Protanopia

79.3942, 82.4531, 90.3278

Deuteranopia

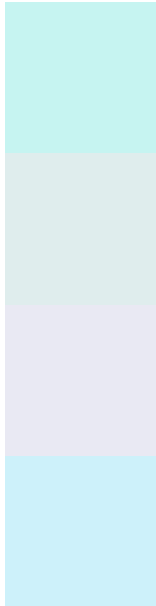
84.3062, 82.3525, 97.0401



Tritanopia

75.5046, 83.0955, 106.6673

Trichromacy



Original Color

71.5166, 83.0580, 95.4816

Protanomaly

76.0017, 82.3708, 92.0142

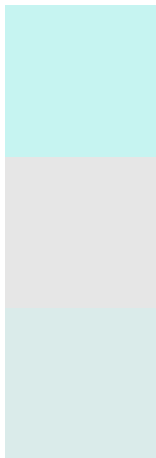
Deuteranomaly

78.9208, 82.0725, 96.4760

Tritanomaly

73.8875, 82.7919, 102.5286

Monochromacy



Original Color

71.5166, 83.0580, 95.4816

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.4731, 80.2626, 89.4617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5166, 83.0580, 95.4816 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(198, 244, 241)` looks like.

```
.text, #text, p{  
    color:rgb(198, 244, 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(198, 244, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 244, 241) }
```

Border

The CSS property to change the border of an element to XYZ 71.5166, 83.0580, 95.4816 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(198, 244, 241) }
```


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

```
.border{ border-color:rgb(198, 244, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 244, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 244, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 244, 241);  
box-shadow:4px 4px 4px 4px rgb(198, 244,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5166, 83.0580, 95.4816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 244, 241) }
```

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

```
.background{ background-color: rgb(198,  
244, 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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