

Converting Colors

XYZ(73.4449, 84.8519, 96.8401)

Have a look what the booklet for
XYZ(73.4449, 84.8519, 96.8401)
contains.

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Color

**XYZ(73.3399, 84.8789,
96.5222)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CAF6F2 |
| RGB | 202, 246, 242 |
| RGB Percent | 79%, 96%, 95% |
| CMY | 0.2078, 0.0353, 0.0510 |
| CMYK | 0.18, 0.00, 0.02, 0.04 |
| HSL | 175°, 71%, 88% |
| HSV | 175°, 18%, 96% |
| XYZ | 73.3399, 84.8789, 96.5222 |
| YIQ | 232.3880, -24.9400, -10.5720 |

Conversions

Conversions Part 2

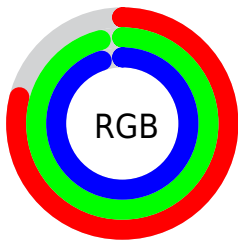
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 202, 225, 246 |
| Decimal | 13301490 |
| CIE Lab | 93.83, -14.81, -2.76 |
| CIE LCh | 94, 15.061, 190.568 |
| Yxy | 84.8789, 0.2879, 0.3332 |
| Android (android.graphics.Color) | 4291491570 (0xFFCAF6F2) |
| YUV | 232.3880, 4.7387, -26.6503 |
| Hunter-Lab | 92.1297, -19.1321, 2.3741 |

Details

The XYZ color **73.3399, 84.8789, 96.5222** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.2702, 66.2924, 67.4883**, and the grayscale version is **76.9734, 80.9820, 88.1894**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3090, 46.5751, 53.3725** is the 20% darker color. If you saturate the color by 10%, you get **66.8735, 81.5862, 94.4771**, and if you desaturate by 10%, it is **80.8763, 88.7272, 98.6424**.

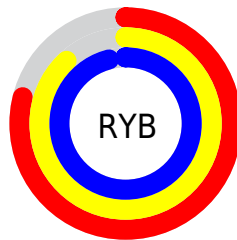
Distribution



Red (79%)

Green (96%)

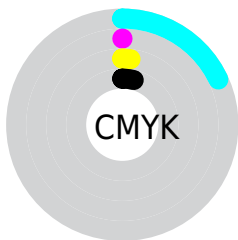
Blue (95%)



Red (79%)

Yellow (88%)

Blue (96%)

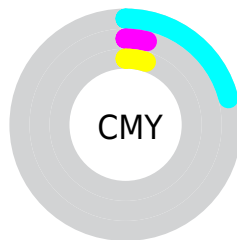


Cyan (18%)

Magenta (0%)

Yellow (2%)

Black (4%)



Cyan (21%)


Magenta (4%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3399, 84.8789, 96.5222 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 73.3399, 84.8789, 96.5222 by changing the saturation by 10% instead.


 73.3399, 84.8789,
96.5222

 73.3399, 84.8789,
96.5222


461.2776,
511.2273, 570.1351

 54.5433, 63.7413,
72.7987


122.9602,
140.2040, 158.3795

 39.2686, 46.4412,
53.3205


154.5145,
175.1603, 197.3504

 27.1504, 32.5941,
37.6692


191.0522,
215.4916, 242.2409

 17.8234, 21.8157,
25.4262

232.9385,
261.5823, 293.4694

 10.9222, 13.7215,
16.1730

280.5389,
313.8168, 351.4545

 6.0814, 7.9272,
9.4910

334.2186,

 2.9358, 4.0484,

372.5796, 416.6148

4.9616

394.3430,
438.2549, 489.3688

■ 1.1199, 1.7007,
2.1664

■ 0.0417, 0.4241,
0.6549

■ 73.3399, 84.8789,
96.5222

■ 73.3399, 84.8789,
96.5222

■ 66.8735, 81.5862,
94.4771

■ 80.8763, 88.7272,
98.6424

■ 61.4197, 78.8128,
92.4990

■ 89.5223, 93.1449,
100.8344

■ 56.9266, 76.5342,
90.5872

■ 91.2519, 93.9965,
102.7242

■ 53.3349, 74.7198,
88.7388

■ 91.6027, 94.1368,
104.5713

■ 50.5788, 73.3357,
86.9507

■ 91.9576, 94.2787,
106.4403

■ 48.5834, 72.3433,
85.2193

■ 92.2473, 94.3946,
107.9658

■ 47.2603, 71.6970,
83.5404

■ 46.4900, 71.3352,
81.9083

■ 46.3608, 71.2760,
81.5677

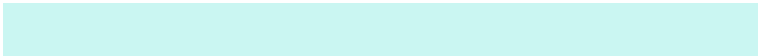
Harmonies

Analogous

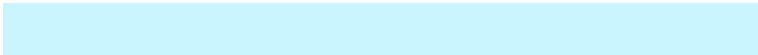
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6293, 84.8789, 85.2747



73.3399, 84.8789, 96.5222



74.9660, 84.8789, 107.5145

Triad

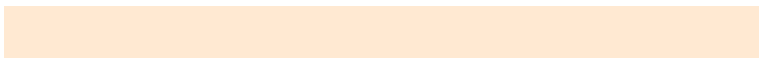
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3399, 84.8789, 96.5222



85.7867, 84.8789, 110.2024



83.2637, 84.8789, 73.1440

Complementary

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



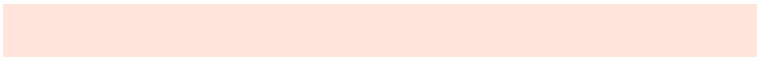
73.3399, 84.8789, 96.5222



70.2702, 66.2924, 67.4883

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.



86.6664, 84.8789, 78.8065



73.3399, 84.8789, 96.5222



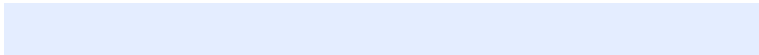
88.1561, 84.8789, 99.9509

Square

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



73.3399, 84.8789, 96.5222



82.0952, 84.8789, 115.8354



88.4832, 84.8789, 88.4332



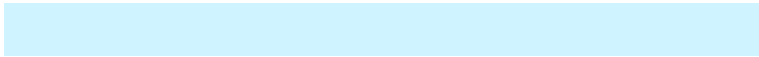
79.2709, 84.8789, 72.3918

Rectangle

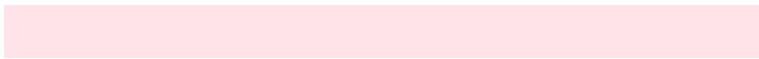
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



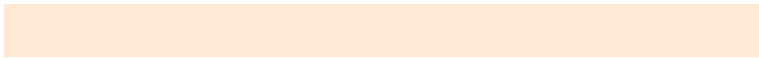
73.3399, 84.8789, 96.5222



76.9501, 84.8789, 112.9854



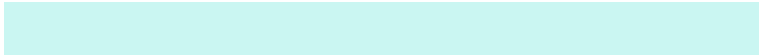
88.4832, 84.8789, 88.4332



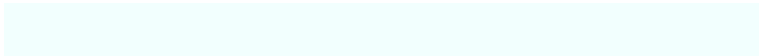
84.5179, 84.8789, 74.5127

Sweetspot

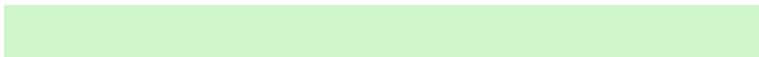
The Sweet Spot groups the original color and five complimentary colors.



73.3423, 84.8824, 96.5241



90.3276, 97.5870, 107.7071



69.1838, 83.3585, 68.3220



19.1971, 20.8178, 23.0182



0.0000, 0.0000, 0.0000



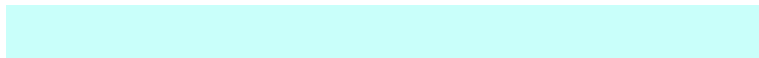
20.3446, 21.4041, 23.3091

Same Dimension

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



73.3423, 84.8824, 96.5241



77.2440, 90.9101, 104.0240



68.8478, 74.9204, 98.0253



16.9279, 18.7303, 20.9045



24.7721, 38.0537, 43.6810



2.1959, 3.3520, 3.9374

Inverse Universe

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



70.2702, 66.2924, 67.4883



73.4115, 67.7153, 67.7990



74.1580, 74.8366, 66.4150



16.5603, 16.5070, 17.4314



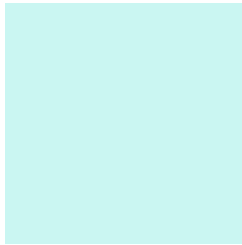
20.3868, 10.4982, 1.4795



1.8122, 0.9308, 0.2374

Previews

White Background



This preview shows how the XYZ color 73.3399, 84.8789, 96.5222 looks on a white background.

Color Contrast Check

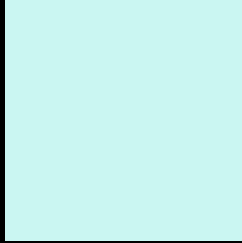
Large Text (above 18pt) WCAG AA × Fail

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 73.3399, 84.8789, 96.5222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

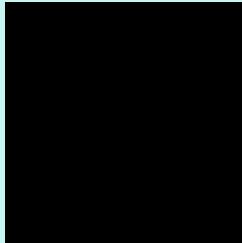
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

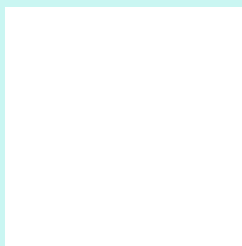
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3399, 84.8789, 96.5222

Background



This preview shows how black text looks on a background with the XYZ color 73.3399, 84.8789, 96.5222.



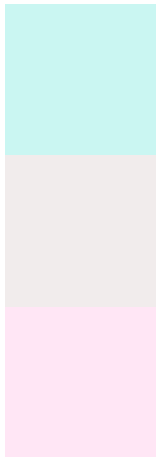
This preview shows how white text looks on a background with the XYZ color 73.3399, 84.8789,

96.5222.

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

73.3399, 84.8789, 96.5222

Protanopia

81.4114, 84.7478, 91.4240

Deuteranopia

86.0182, 84.4462, 98.1523



Tritanopia

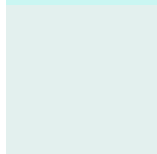
77.8242, 84.7295, 106.8604

Trichromacy



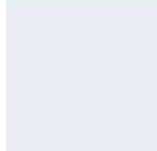
Original Color

73.3399, 84.8789, 96.5222



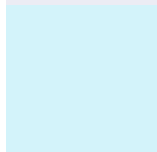
Protanomaly

78.2713, 84.8241, 93.1363



Deuteranomaly

80.9167, 84.3554, 97.6054



Tritanomaly

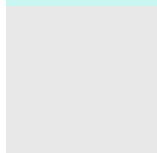
76.1699, 84.8522, 102.8060

Monochromacy



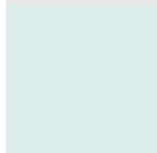
Original Color

73.3399, 84.8789, 96.5222



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

75.2433, 81.9967, 91.2181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3399, 84.8789, 96.5222 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(202, 246, 242)` looks like.

```
.text, #text, p{  
    color:rgb(202, 246, 242)  
}
```

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(202, 246, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 246, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.3399, 84.8789, 96.5222 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(202, 246, 242) }
```


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

```
.border{ border-color:rgb(202, 246, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 246, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 246, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 246, 242);  
box-shadow:4px 4px 4px 4px rgb(202, 246,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3399, 84.8789, 96.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 246, 242) }
```

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

```
.background{ background-color: rgb(202,  
246, 242) }
```

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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