

Converting Colors

XYZ(74.3390, 85.3415, 98.9407)

Have a look what the booklet for
XYZ(74.3390, 85.3415, 98.9407)
contains.

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Color

**XYZ(74.3390, 85.3415,
98.9407)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF6F5
RGB	204, 246, 245
RGB Percent	80%, 96%, 96%
CMY	0.2000, 0.0353, 0.0392
CMYK	0.17, 0.00, 0.00, 0.04
HSL	179°, 70%, 88%
HSV	179°, 17%, 96%
XYZ	74.3390, 85.3415, 98.9407
YIQ	233.3280, -24.7110, -9.2150

Conversions

Conversions Part 2

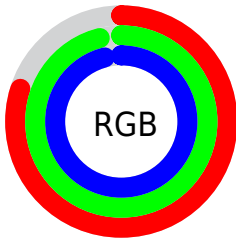
Format	Color
R_{YB}	204, 225, 246
Decimal	13432565
CIE _{Lab}	94.03, -13.59, -4.01
CIE _{LCh}	94, 14.170, 196.439
Yxy	85.3415, 0.2874, 0.3300
Android (android.graphics.Color)	4291622645 (0xFFCCCF6F5)
YUV	233.3280, 5.7543, -25.7207
Hunter-Lab	92.3805, -18.0260, 1.1659

Details

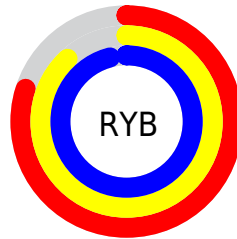
The XYZ color **74.3390, 85.3415, 98.9407** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.6213, 67.1886, 67.0077**, and the grayscale version is **77.6725, 81.7175, 88.9904**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9932, 46.8906, 55.0870** is the 20% darker color. If you saturate the color by 10%, you get **68.0328, 82.1031, 98.1797**, and if you desaturate by 10%, it is **81.7154, 89.1360, 99.7568**.

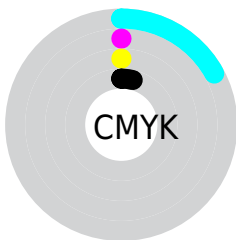
Distribution



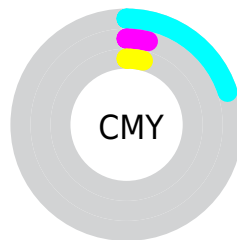
- Red (80%)
- Green (96%)
- Blue (96%)



- Red (80%)
- Yellow (88%)
- Blue (96%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3390, 85.3415, 98.9407 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 74.3390, 85.3415, 98.9407 by changing the saturation by 10% instead.

74.3390, 85.3415,
98.9407

74.3390, 85.3415,
98.9407

464.6748,
512.7574, 578.0087

55.3638, 64.1236,
74.8042

124.3692,
140.8502, 161.7399

39.9281, 46.7508,
54.9518

156.1549,
175.9098, 201.2396

27.6664, 32.8387,
38.9648

192.9414,
216.3521, 246.6976

18.2135, 22.0029,
26.4247

235.0942,
262.5614, 298.5322

11.2040, 13.8590,
16.9130

282.9786,
314.9222, 357.1621

6.2725, 8.0227,
10.0112

336.9599,

3.0537, 4.1095,

373.8189, 423.0058

5.3007

397.4035,
439.6358, 496.4818

■ 1.1822, 1.7350,
2.3629

■ 0.0923, 0.4462,
0.7662

■ 74.3390, 85.3415,
98.9407

■ 74.3390, 85.3415,
98.9407

■ 68.0328, 82.1031,
98.1797

■ 81.7154, 89.1360,
99.7568

■ 62.7395, 79.3847,
97.4658

■ 90.2011, 93.5002,
100.6246

■ 58.4078, 77.1619,
96.7984

■ 90.9496, 93.8756,
101.1317

■ 54.9788, 75.4044,
96.1748

■ 91.0403, 93.9119,
101.6096

52.3872, 74.0786,
95.5918

91.1313, 93.9483,
102.0890

50.5590, 73.1463,
95.0460

91.2226, 93.9848,
102.5698

49.4072, 72.5627,
94.5333

91.3142, 94.0214,
103.0522

48.8203, 72.2703,
94.0486

91.4061, 94.0582,
103.5361

48.7046, 72.2136,
93.9097

91.4983, 94.0951,
104.0215

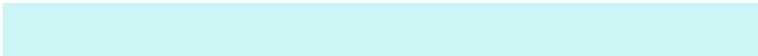
Harmonies

Analogous

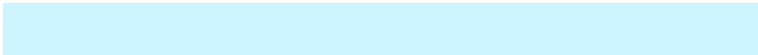
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2498, 85.3415, 88.1250



74.3390, 85.3415, 98.9407



76.2066, 85.3415, 108.8430

Triad

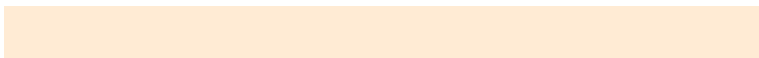
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3390, 85.3415, 98.9407



86.4981, 85.3415, 108.0231



82.8313, 85.3415, 74.1144

Complementary

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



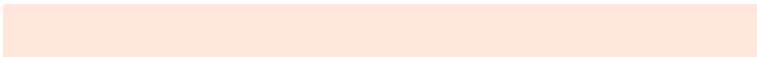
74.3390, 85.3415, 98.9407



70.6213, 67.1886, 67.0077

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.



86.2288, 85.3415, 78.6353



74.3390, 85.3415, 98.9407



88.3898, 85.3415, 97.8908

Square

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



74.3390, 85.3415, 98.9407



83.1896, 85.3415, 114.3588



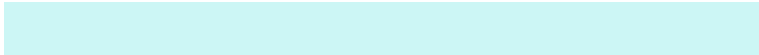
88.2897, 85.3415, 87.1532



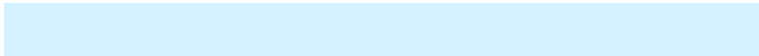
79.0743, 85.3415, 74.3475

Rectangle

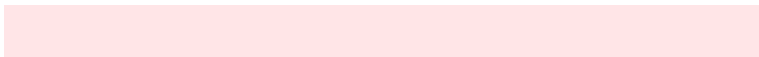
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



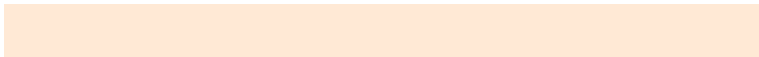
74.3390, 85.3415, 98.9407



78.2429, 85.3415, 113.3460



88.2897, 85.3415, 87.1532



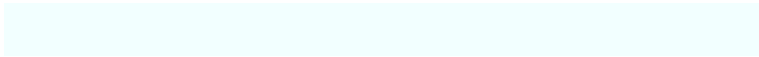
84.0556, 85.3415, 75.1125

Sweetspot

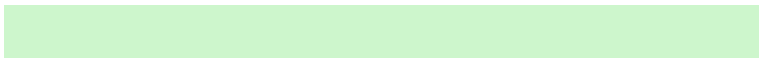
The Sweet Spot groups the original color and five complimentary colors.



74.3415, 85.3450, 98.9426



90.4648, 97.6419, 108.4296



69.1446, 83.3108, 69.5644



19.2305, 20.8312, 23.1945



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

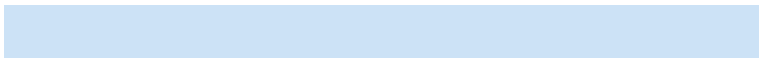
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3415, 85.3450, 98.9426



78.5163, 91.4991, 107.1056



68.8441, 74.1044, 97.8680



16.9786, 18.7506, 21.1717



26.0034, 38.5462, 50.1649



2.2908, 3.3900, 4.4371

Inverse Universe

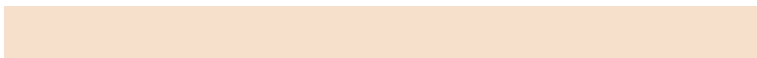
The Inverse Universe completely reimagines the original color for something new.



70.6213, 67.1886, 67.0077



73.8787, 68.8641, 67.2942



75.4564, 77.0520, 68.0236



16.5152, 16.4889, 17.1936



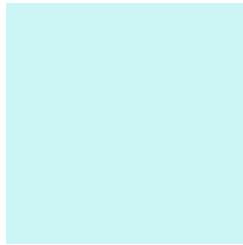
20.3105, 10.4676, 1.0777



1.7906, 0.9222, 0.1239

Previews

White Background



This preview shows how the XYZ color 74.3390, 85.3415, 98.9407 looks on a white background.

Color Contrast Check

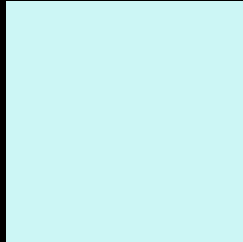
Large Text (above 18pt) WCAG AA × Fail

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 74.3390, 85.3415, 98.9407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

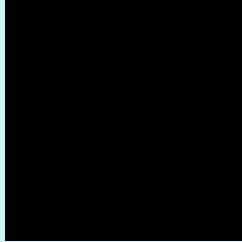
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

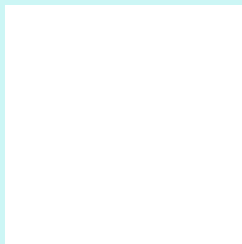
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3390, 85.3415, 98.9407

Background



This preview shows how black text looks on a background with the XYZ color 74.3390, 85.3415, 98.9407.



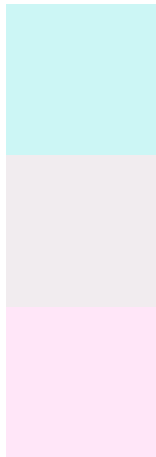
This preview shows how white text looks on a background with the XYZ color 74.3390, 85.3415,

98.9407.

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

74.3390, 85.3415, 98.9407

Protanopia

81.8511, 84.9237, 93.7392

Deuteranopia

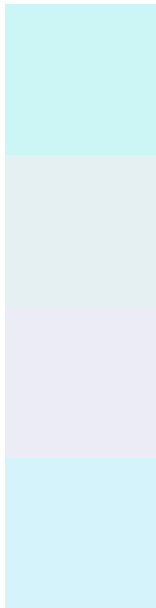
86.4801, 84.6309, 100.5843



Tritanopia

78.1206, 84.8823, 106.8743

Trichromacy



Original Color

74.3390, 85.3415, 98.9407

Protanomaly

79.0322, 85.1650, 95.4921

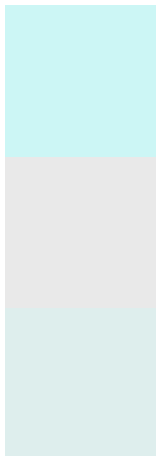
Deuteranomaly

81.3760, 84.5392, 100.0244

Tritanomaly

76.6146, 85.0633, 103.6476

Monochromacy



Original Color

74.3390, 85.3415, 98.9407

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.9848, 82.7931, 92.0966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3390, 85.3415, 98.9407 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(204, 246, 245)` looks like.

```
.text, #text, p{  
    color:rgb(204, 246, 245)  
}
```

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(204, 246, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 246, 245) }
```

Border

The CSS property to change the border of an element to XYZ 74.3390, 85.3415, 98.9407 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(204, 246, 245) }
```


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

```
.border{ border-color:rgb(204, 246, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 246, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(204, 246,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3390, 85.3415, 98.9407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 246, 245) }
```

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

```
.background{ background-color: rgb(204,  
246, 245) }
```

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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