

Converting Colors

XYZ(75.1118, 85.0622, 99.4772)

Have a look what the booklet for
XYZ(75.1118, 85.0622, 99.4772)
contains.

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Color

**XYZ(75.2994, 85.3685,
99.6979)**

Conversions

Conversions Part 1

Format	Color
Hex	D0F5F6
RGB	208, 245, 246
RGB Percent	82%, 96%, 96%
CMY	0.1843, 0.0392, 0.0353
CMYK	0.15, 0.00, 0.00, 0.04
HSL	182°, 68%, 89%
HSV	182°, 15%, 96%
XYZ	75.2994, 85.3685, 99.6979
YIQ	234.0510, -22.3730, -7.5330

Conversions

Conversions Part 2

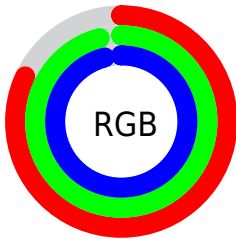
Format	Color
R _Y B	208, 227, 246
Decimal	13694454
CIE Lab	94.04, -11.67, -4.48
CIE LCh	94, 12.497, 201.022
Yxy	85.3685, 0.2892, 0.3279
Android (android.graphics.Color)	4291884534 (0xFFD0F5F6)
YUV	234.0510, 5.8909, -22.8467
Hunter-Lab	92.3951, -16.2189, 0.7003

Details

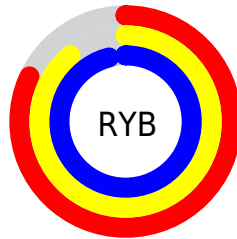
The XYZ color **75.2994, 85.3685, 99.6979** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.1924, 69.7479, 69.3338**, and the grayscale version is **78.2163, 82.2896, 89.6134**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6287, 46.8852, 55.6236** is the 20% darker color. If you saturate the color by 10%, you get **68.7181, 81.6887, 99.3359**, and if you desaturate by 10%, it is **82.9590, 89.6098, 100.1142**.

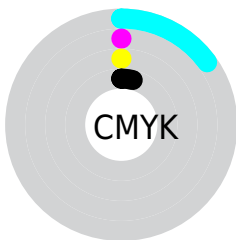
Distribution



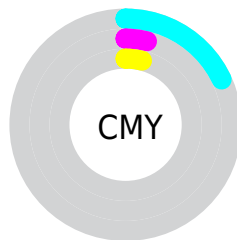
- Red (82%)
- Green (96%)
- Blue (96%)



- Red (82%)
- Yellow (89%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2994, 85.3685, 99.6979 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 75.2994, 85.3685, 99.6979 by changing the saturation by 10% instead.

75.2994, 85.3685,
99.6979

75.2994, 85.3685,
99.6979

467.9274,
512.8466, 580.4621

56.1532, 64.1459,
75.4328

125.7217,
140.8879, 162.7902

40.5633, 46.7689,
55.4637

157.7286,
175.9535, 202.4545

28.1642, 32.8530,
39.3720

194.7531,
216.4023, 248.0889

18.5905, 22.0138,
26.7392

237.1606,
262.6185, 300.1120

11.4770, 13.8671,
17.1467

285.3164,
314.9867, 358.9424

6.4583, 8.0283,
10.1761

339.5859,

3.1690, 4.1130,

373.8912, 424.9985

5.4087

400.3344,
439.7163, 498.6989

■ 1.2438, 1.7370,
2.4261

■ 0.1405, 0.4474,
0.8006

■ 75.2994, 85.3685,
99.6979

■ 75.2994, 85.3685,
99.6979

■ 68.7181, 81.6887,
99.3359

■ 82.9590, 89.6098,
100.1142

■ 63.1585, 78.5343,
99.0200


■ 90.9206, 94.0054,
100.5430


■ 58.5699, 75.8815,
98.7498


■ 91.1175, 94.3993,
100.6087


■ 54.8942, 73.7003,
98.5226


■ 91.3151, 94.7945,
100.6745


 52.0676, 71.9579,
98.3352


 91.5134, 95.1911,
100.7406


 50.0174, 70.6167,
98.1844


 91.7124, 95.5891,
100.8070


 48.6594, 69.6334,
98.0662

 91.9121, 95.9884,
100.8735

 47.8893, 68.9541,
97.9756

 92.1124, 96.3891,
100.9403

 47.6623, 68.7089,
97.9403

 92.3135, 96.7912,
101.0073

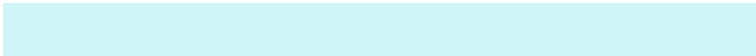
Harmonies

Analogous

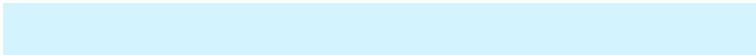
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9685, 85.3685, 90.1146



75.2994, 85.3685, 99.6979



77.1723, 85.3685, 107.9748

Triad

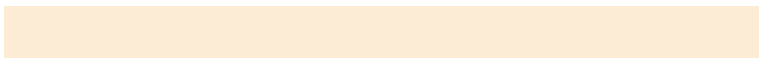
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2994, 85.3685, 99.6979



86.2290, 85.3685, 104.9913



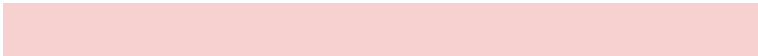
82.1452, 85.3685, 75.9633

Complementary

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



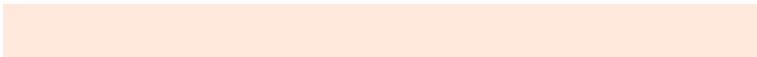
75.2994, 85.3685, 99.6979



72.1924, 69.7479, 69.3338

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.



85.2418, 85.3685, 79.3912



75.2994, 85.3685, 99.6979



87.6416, 85.3685, 95.8479

Square

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



75.2994, 85.3685, 99.6979



83.4628, 85.3685, 111.1735



87.2755, 85.3685, 86.5171



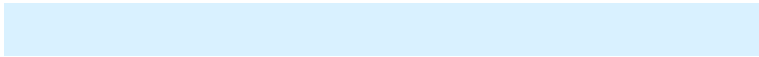
78.8611, 85.3685, 76.8386

Rectangle

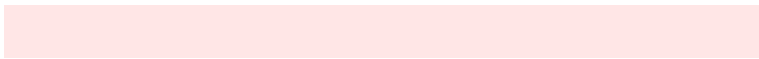
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



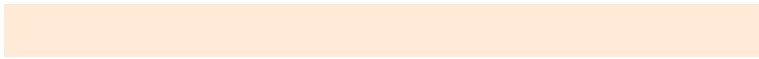
75.2994, 85.3685, 99.6979



79.0722, 85.3685, 111.4262



87.2755, 85.3685, 86.5171



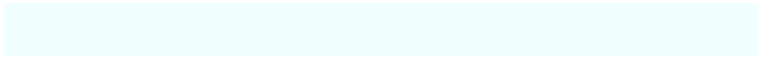
83.2439, 85.3685, 76.6414

Sweetspot

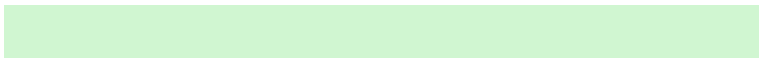
The Sweet Spot groups the original color and five complimentary colors.



75.3019, 85.3720, 99.6998



90.4072, 97.4483, 108.6522



70.4330, 83.9083, 72.5692



19.2165, 20.7839, 23.2488



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.



75.3019, 85.3720, 99.6998



79.0125, 91.1325, 108.0337



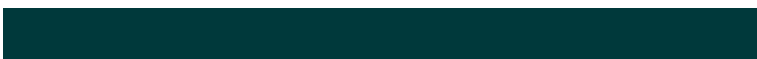
69.9447, 74.6577, 97.9141



16.9573, 18.6788, 21.2542



25.4571, 36.7081, 52.2817



2.2490, 3.2494, 4.5989

Inverse Universe

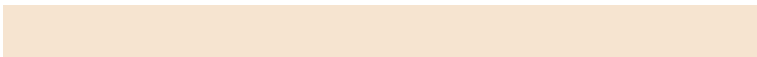
The Inverse Universe completely reimagines the original color for something new.



77.0453, 71.2990, 96.0916



81.2900, 72.8063, 103.3072



77.0353, 79.4338, 70.9482



17.1938, 16.7604, 20.7669



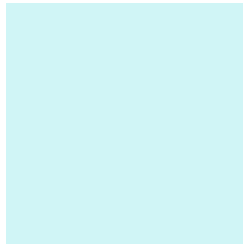
28.6541, 13.8051, 45.0143



2.5243, 1.2157, 3.9871

Previews

White Background



This preview shows how the XYZ color 75.2994, 85.3685, 99.6979 looks on a white background.

Color Contrast Check

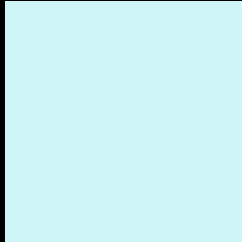
Large Text (above 18pt) WCAG AA × Fail

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 75.2994, 85.3685, 99.6979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

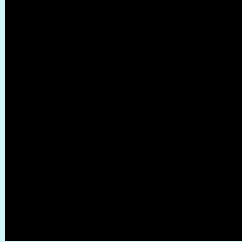
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2994, 85.3685, 99.6979

Background



This preview shows how black text looks on a background with the XYZ color 75.2994, 85.3685, 99.6979.



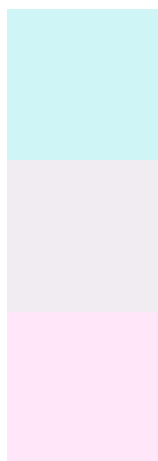
This preview shows how white text looks on a background with the XYZ color 75.2994, 85.3685,

99.6979.

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

75.2994, 85.3685, 99.6979

Protanopia

81.8078, 84.8670, 95.2883

Deuteranopia

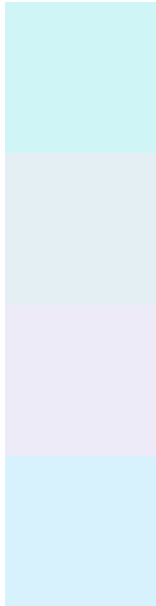
86.6357, 84.6932, 101.4038



Tritanopia

78.7187, 85.1907, 106.9023

Trichromacy



Original Color

75.2994, 85.3685, 99.6979

Protanomaly

79.0391, 84.6980, 96.9766

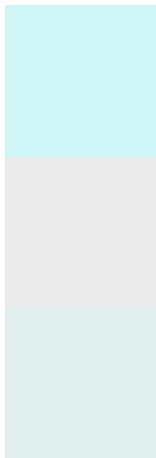
Deuteranomaly

81.9115, 84.3711, 100.7750

Tritanomaly

77.3471, 84.9796, 104.4215

Monochromacy



Original Color

75.2994, 85.3685, 99.6979

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.0585, 83.3297, 92.9117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2994, 85.3685, 99.6979 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(208, 245, 246)` looks like.

```
.text, #text, p{  
    color:rgb(208, 245, 246)  
}
```

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(208, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 245, 246) }
```

Border

The CSS property to change the border of an element to XYZ 75.2994, 85.3685, 99.6979 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(208, 245, 246) }
```


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

```
.border{ border-color:rgb(208, 245, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 245, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(208, 245,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2994, 85.3685, 99.6979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 245, 246) }
```

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

```
.background{ background-color: rgb(208,  
245, 246) }
```

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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