

Converting Colors

XYZ(74.3530, 84.8169, 98.4616)

Have a look what the booklet for
XYZ(74.3530, 84.8169, 98.4616)
contains.

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Color

**XYZ(74.5874, 85.0192,
98.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF5F5
RGB	206, 245, 245
RGB Percent	81%, 96%, 96%
CMY	0.1921, 0.0392, 0.0392
CMYK	0.16, 0.00, 0.00, 0.04
HSL	180°, 66%, 88%
HSV	180°, 16%, 96%
XYZ	74.5874, 85.0192, 98.8654
YIQ	233.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

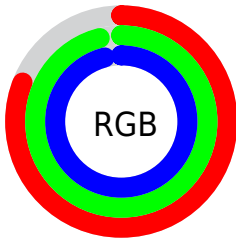
Format	Color
R_{YB}	206, 226, 245
Decimal	13563381
CIE _{Lab}	93.89, -12.48, -4.20
CIE _{LCh}	94, 13.168, 198.600
Yxy	85.0192, 0.2886, 0.3289
Android (android.graphics.Color)	4291753461 (0xFFCE5F5)
YUV	233.3390, 5.7489, -23.9763
Hunter-Lab	92.2059, -16.9676, 0.9719

Details

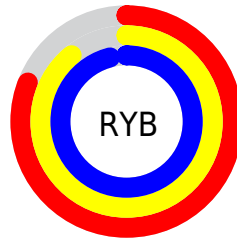
The XYZ color **74.5874, 85.0192, 98.8654** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.8711, 68.0136, 67.7887**, and the grayscale version is **77.6800, 81.7254, 88.9990**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1454, 46.6486, 55.0323** is the 20% darker color. If you saturate the color by 10%, you get **68.3092, 81.7850, 98.5717**, and if you desaturate by 10%, it is **81.9307, 88.8070, 99.2125**.

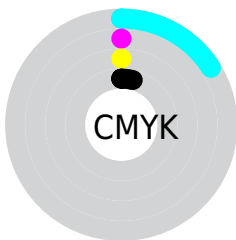
Distribution



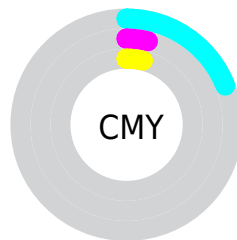
- Red (81%)
- Green (96%)
- Blue (96%)



- Red (81%)
- Yellow (89%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5874, 85.0192, 98.8654 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 74.5874, 85.0192, 98.8654 by changing the saturation by 10% instead.

74.5874, 85.0192,
98.8654

74.5874, 85.0192,
98.8654

465.5173,
511.6916, 577.7645

55.5679, 63.8572,
74.7417

124.7192,
140.4000, 161.6354

40.0922, 46.5351,
54.9009

156.5622,
175.3876, 201.1187

27.7950, 32.6683,
38.9243

193.4104,
215.7526, 246.5591

18.3109, 21.8724,
26.3935

235.6292,
261.8793, 298.3750

11.2744, 13.7632,
16.8898

283.5839,
314.1522, 356.9849

6.3204, 7.9561,
9.9948

337.6400,

3.0834, 4.0669,

372.9556, 422.8074

5.2900

398.1626,
438.6739, 496.2611

■ 1.1980, 1.7111,
2.3567

■ 0.1048, 0.4308,
0.7627

■ 74.5874, 85.0192,
98.8654

■ 74.5874, 85.0192,
98.8654

■ 68.3092, 81.7850,
98.5717

■ 81.9307, 88.8070,
99.2125

■ 63.0399, 79.0685,
98.3234


■ 90.3763, 93.1609,
99.6095


■ 58.7289, 76.8462,
98.1199


■ 90.3766, 93.1610,
99.6112


■ 55.3187, 75.0882,
97.9586


■ 90.3770, 93.1611,
99.6129


 52.7456, 73.7618,
97.8365


 90.3773, 93.1612,
99.6146


 50.9373, 72.8296,
97.7502


 90.3776, 93.1614,
99.6163


 49.8096, 72.2483,
97.6957

 90.3779, 93.1615,
99.6181

 49.2582, 71.9641,
97.6682

 90.3783, 93.1616,
99.6198

 49.1329, 71.8995,
97.6617

 90.3786, 93.1618,
99.6215

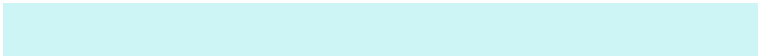
Harmonies

Analogous

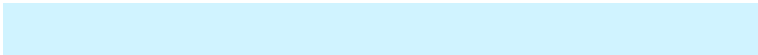
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3799, 85.0192, 88.8084



74.5874, 85.0192, 98.8654



76.4326, 85.0192, 107.8179

Triad

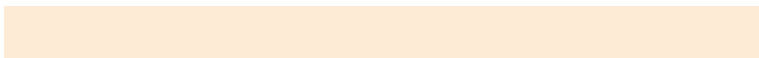
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5874, 85.0192, 98.8654



85.9698, 85.0192, 105.9317



82.1477, 85.0192, 74.9103

Complementary

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



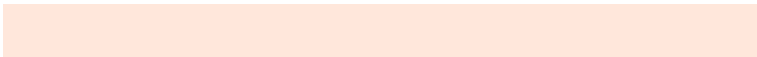
74.5874, 85.0192, 98.8654



70.8711, 68.0136, 67.7887

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.



85.3477, 85.0192, 78.8347



74.5874, 85.0192, 98.8654



87.5966, 85.0192, 96.4393

Square

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



74.5874, 85.0192, 98.8654



82.9770, 85.0192, 112.0967



87.3656, 85.0192, 86.5505



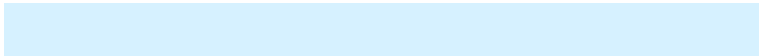
78.6775, 85.0192, 75.4564

Rectangle

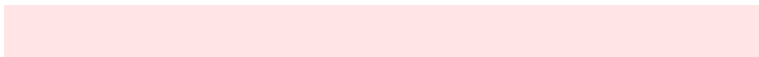
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



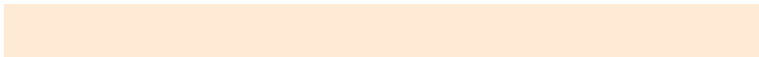
74.5874, 85.0192, 98.8654



78.3739, 85.0192, 111.7305



87.3656, 85.0192, 86.5505



83.2924, 85.0192, 75.7382

Sweetspot

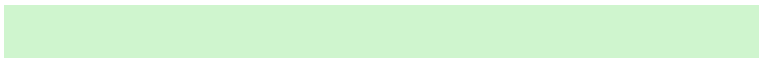
The Sweet Spot groups the original color and five complimentary colors.



74.5899, 85.0227, 98.8673



90.5136, 97.6614, 108.6868



69.4299, 82.9796, 70.7512



19.2424, 20.8359, 23.2573



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.



74.5899, 85.0227, 98.8673



79.4159, 91.9404, 108.1648



69.1746, 74.1914, 97.0648



16.9967, 18.7578, 21.2670



26.4677, 38.7319, 52.6100



2.3263, 3.4042, 4.6240

Inverse Universe

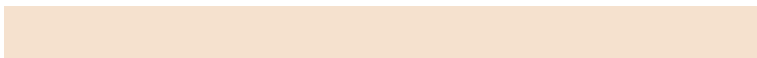
The Inverse Universe completely reimagines the original color for something new.



70.8711, 68.0136, 67.7887



74.6520, 70.1511, 68.3521



75.6845, 77.6410, 69.3911



16.4993, 16.4826, 17.1097



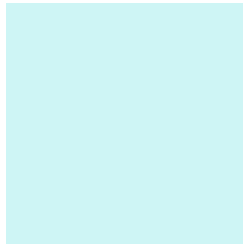
20.2863, 10.4579, 0.9498



1.7830, 0.9192, 0.0836

Previews

White Background



This preview shows how the XYZ color 74.5874, 85.0192, 98.8654 looks on a white background.

Color Contrast Check

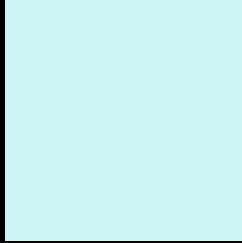
Large Text (above 18pt) WCAG AA × Fail

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 74.5874, 85.0192, 98.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

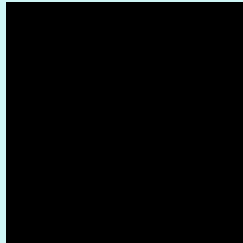
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5874, 85.0192, 98.8654

Background



This preview shows how black text looks on a background with the XYZ color 74.5874, 85.0192, 98.8654.



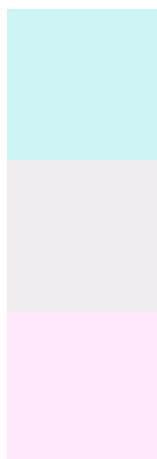
This preview shows how white text looks on a background with the XYZ color 74.5874, 85.0192,

98.8654.

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

74.5874, 85.0192, 98.8654

Protanopia

81.6588, 84.8074, 94.5037

Deuteranopia

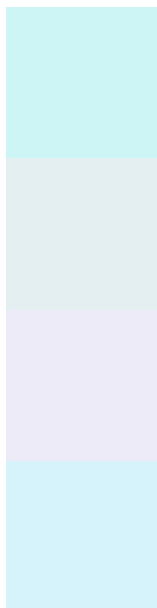
86.4801, 84.6309, 100.5843



Tritanopia

78.4187, 85.0360, 106.8882

Trichromacy



Original Color

74.5874, 85.0192, 98.8654

Protanomaly

78.8884, 84.6378, 96.1833

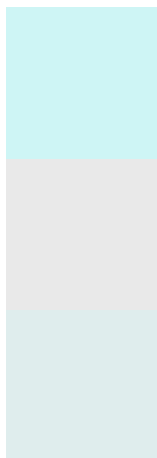
Deuteranomaly

81.4219, 84.1366, 99.9443

Tritanomaly

76.8963, 84.7654, 103.5753

Monochromacy



Original Color

74.5874, 85.0192, 98.8654

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.0017, 82.3708, 92.0142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5874, 85.0192, 98.8654 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(206, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(206, 245, 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(206, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 245, 245) }
```

Border

The CSS property to change the border of an element to XYZ 74.5874, 85.0192, 98.8654 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(206, 245, 245) }
```


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

```
.border{ border-color:rgb(206, 245, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(206, 245,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5874, 85.0192, 98.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 245, 245) }
```

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

```
.background{ background-color: rgb(206,  
245, 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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