

Converting Colors

XYZ(74.6211, 85.6287, 97.2609)

Have a look what the booklet for
XYZ(74.6211, 85.6287, 97.2609)
contains.

XYZ(74.5870, 85.5044, 97.3669)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.5870, 85.5044,
97.3669)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF6F3
RGB	206, 246, 243
RGB Percent	81%, 96%, 95%
CMY	0.1921, 0.0353, 0.0471
CMYK	0.16, 0.00, 0.01, 0.04
HSL	175°, 69%, 89%
HSV	175°, 16%, 96%
XYZ	74.5870, 85.5044, 97.3669
YIQ	233.6980, -22.8770, -9.4130

Conversions

Conversions Part 2

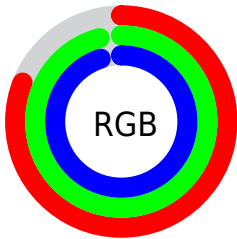
Format	Color
R _{YB}	206, 227, 246
Decimal	13563635
CIE Lab	94.10, -13.38, -2.86
CIE LCh	94, 13.682, 192.052
Yxy	85.5044, 0.2897, 0.3321
Android (android.graphics.Color)	4291753715 (0xFFCEF6F3)
YUV	233.6980, 4.5859, -24.2911
Hunter-Lab	92.4686, -17.8384, 2.2973

Details

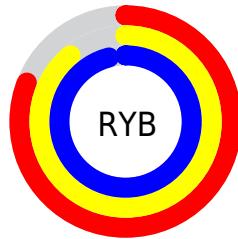
The XYZ color **74.5870, 85.5044, 97.3669** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.5890, 68.3411, 69.7432**, and the grayscale version is **77.9592, 82.0192, 89.3189**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1456, 46.9941, 53.9686** is the 20% darker color. If you saturate the color by 10%, you get **68.0080, 82.1472, 95.6120**, and if you desaturate by 10%, it is **82.2426, 89.4209, 99.1905**.

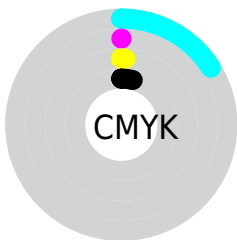
Distribution



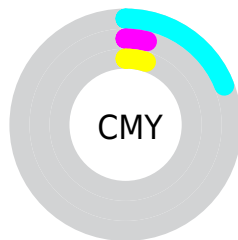
- Red (81%)
- Green (96%)
- Blue (95%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5870, 85.5044, 97.3669 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 74.5870, 85.5044, 97.3669 by changing the saturation by 10% instead.

74.5870, 85.5044,
97.3669

74.5870, 85.5044,
97.3669

465.5159,
513.2956, 572.8917

55.5676, 64.2582,
73.4988

124.7186,
141.0777, 159.5541

40.0920, 46.8599,
53.8896

156.5615,
176.1736, 198.7103

27.7948, 32.9249,
38.1208

193.4096,
216.6549, 243.7996

18.3107, 22.0689,
25.7739

235.6283,
262.9059, 295.2406

11.2743, 13.9075,
16.4303

283.5830,
315.3111, 353.4517

6.3203, 8.0564,
9.6715

337.6389,

3.0833, 4.1311,

374.2549, 418.8516

5.0790

398.1614,
440.1216, 491.8587

■ 1.1980, 1.7471,
2.2341

■ 0.1048, 0.4539,
0.6940

■ 74.5870, 85.5044,
97.3669

■ 74.5870, 85.5044,
97.3669

■ 68.0080, 82.1472,
95.6120

■ 82.2426, 89.4209,
99.1905

■ 62.4487, 79.3130,
93.9175

■ 90.9389, 93.8713,
101.0757

■ 57.8580, 76.9778,
92.2830

■ 91.2249, 93.9857,
102.5820

■ 54.1774, 75.1115,
90.7056

■ 91.5138, 94.1012,
104.1032

■ 51.3424, 73.6808,
89.1823

■ 91.8055, 94.2179,
105.6394

■ 49.2797, 72.6478,
87.7095

■ 92.1001, 94.3358,
107.1905

■ 47.9036, 71.9686,
86.2832

■ 92.2473, 94.3946,
107.9658

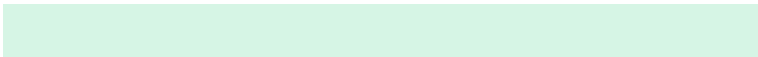
■ 47.1075, 71.5880,
84.8985

■ 46.8965, 71.4903,
84.3885

Harmonies

Analogous

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



74.7638, 85.5044, 87.0331



74.5870, 85.5044, 97.3669



76.1608, 85.5044, 107.2455

Triad

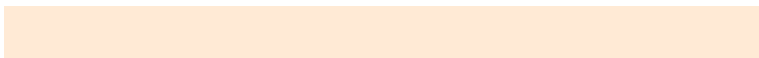
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5870, 85.5044, 97.3669



86.0692, 85.5044, 108.8623



83.4547, 85.5044, 75.2312

Complementary

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



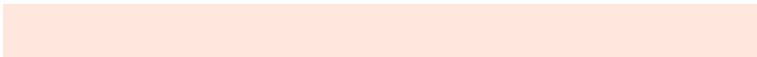
74.5870, 85.5044, 97.3669



71.5890, 68.3411, 69.7432

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.



86.6014, 85.5044, 80.2560



74.5870, 85.5044, 97.3669



88.1417, 85.5044, 99.4420

Square

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



74.5870, 85.5044, 97.3669



82.7460, 85.5044, 114.2078



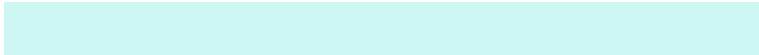
88.3394, 85.5044, 88.9591



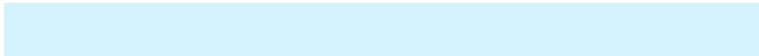
79.8104, 85.5044, 74.7672

Rectangle

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



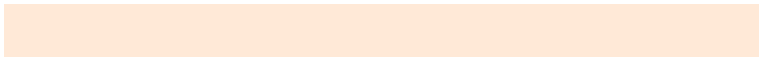
74.5870, 85.5044, 97.3669



78.0193, 85.5044, 112.0398



88.3394, 85.5044, 88.9591



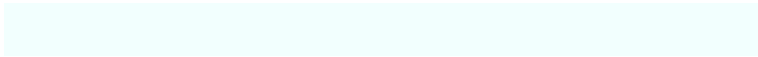
84.6085, 85.5044, 76.4244

Sweetspot

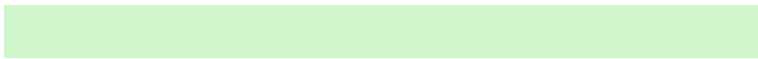
The Sweet Spot groups the original color and five complimentary colors.



74.5895, 85.5079, 97.3688



90.3601, 97.6000, 107.8780



70.4878, 83.9753, 70.8877



19.2050, 20.8209, 23.0599



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.



74.5895, 85.5079, 97.3688



78.1014, 91.3332, 104.9209



70.2023, 76.0017, 98.1626



16.9399, 18.7351, 20.9676



25.0537, 38.1663, 45.1639



2.2177, 3.3607, 4.0523

Inverse Universe

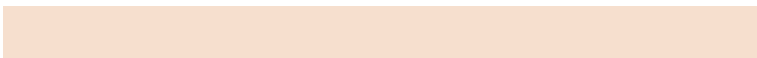
The Inverse Universe completely reimagines the original color for something new.



71.5890, 68.3411, 69.7432



74.1970, 68.9914, 68.9703



75.4483, 76.6493, 69.2122



16.5496, 16.5027, 17.3748



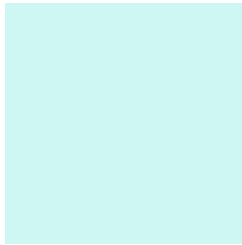
20.3653, 10.4895, 1.3659



1.8071, 0.9288, 0.2105

Previews

White Background



This preview shows how the XYZ color 74.5870, 85.5044, 97.3669 looks on a white background.

Color Contrast Check

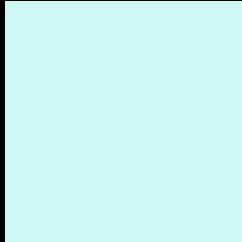
Large Text (above 18pt) WCAG AA × Fail

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 74.5870, 85.5044, 97.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

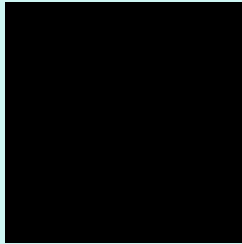
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

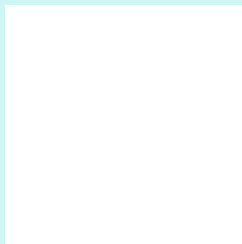
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5870, 85.5044, 97.3669

Background



This preview shows how black text looks on a background with the XYZ color 74.5870, 85.5044, 97.3669.



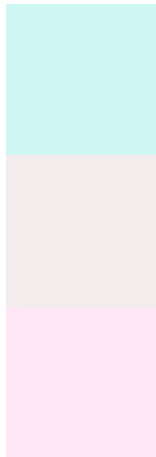
This preview shows how white text looks on a background with the XYZ color 74.5870, 85.5044,

97.3669.

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

74.5870, 85.5044, 97.3669

Protanopia

81.8995, 84.9826, 92.2075

Deuteranopia

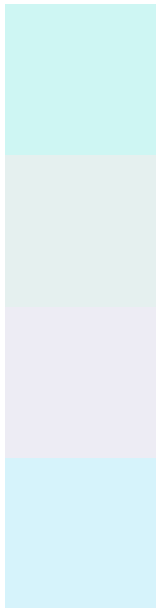
86.2973, 85.0044, 98.2453



Tritanopia

78.7187, 85.1907, 106.9023

Trichromacy



Original Color

74.5870, 85.5044, 97.3669

Protanomaly

79.0532, 85.2102, 93.9420

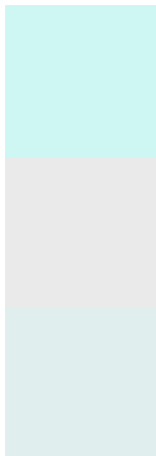
Deuteranomaly

81.2496, 84.5271, 97.6210

Tritanomaly

77.1947, 85.3624, 103.6748

Monochromacy



Original Color

74.5870, 85.5044, 97.3669

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.6011, 83.1108, 92.1254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5870, 85.5044, 97.3669 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, 246, 243)` looks like.

```
.text, #text, p{  
    color:rgb(206, 246, 243)  
}
```

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, 246, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 246, 243) }
```

Border

The CSS property to change the border of an element to XYZ 74.5870, 85.5044, 97.3669 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, 246, 243) }
```


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

```
.border{ border-color:rgb(206, 246, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 246, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 246, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 246, 243);  
box-shadow:4px 4px 4px 4px rgb(206, 246,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5870, 85.5044, 97.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 246, 243) }
```

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

```
.background{ background-color: rgb(206,  
246, 243) }
```

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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