

Converting Colors

XYZ(74.0578, 85.3151, 96.5852)

Have a look what the booklet for
XYZ(74.0578, 85.3151, 96.5852)
contains.

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Color

**XYZ(73.8846, 85.1597,
96.5477)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF6F2
RGB	204, 246, 242
RGB Percent	80%, 96%, 95%
CMY	0.2000, 0.0353, 0.0510
CMYK	0.17, 0.00, 0.02, 0.04
HSL	174°, 70%, 88%
HSV	174°, 17%, 96%
XYZ	73.8846, 85.1597, 96.5477
YIQ	232.9860, -23.7480, -10.1480

Conversions

Conversions Part 2

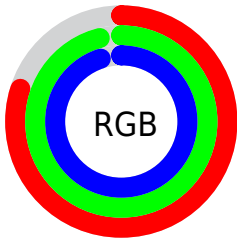
Format	Color
R _{YB}	204, 226, 246
Decimal	13432562
CIE Lab	93.95, -14.19, -2.57
CIE LCh	94, 14.425, 190.264
Yxy	85.1597, 0.2891, 0.3332
Android (android.graphics.Color)	4291622642 (0xFFCCCF6F2)
YUV	232.9860, 4.4439, -25.4207
Hunter-Lab	92.2820, -18.5794, 2.5668

Details

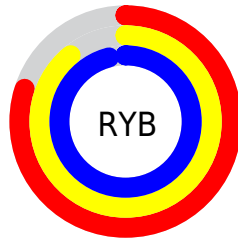
The XYZ color **73.8846, 85.1597, 96.5477** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.9871, 67.3349, 68.9337**, and the grayscale version is **77.4240, 81.4561, 88.7056**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6708, 46.7616, 53.3894** is the 20% darker color. If you saturate the color by 10%, you get **67.3180, 81.8172, 94.4154**, and if you desaturate by 10%, it is **81.5256, 89.0601, 98.7575**.

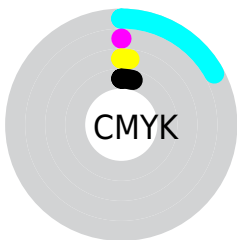
Distribution



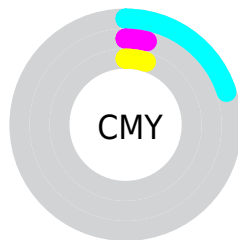
- Red (80%)
- Green (96%)
- Blue (95%)



- Red (80%)
- Yellow (89%)
- Blue (96%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8846, 85.1597, 96.5477 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 73.8846, 85.1597, 96.5477 by changing the saturation by 10% instead.

73.8846, 85.1597,
96.5477

73.8846, 85.1597,
96.5477

463.1315,
512.1564, 570.2184

54.9905, 63.9733,
72.8198

123.7286,
140.5963, 158.4150

39.6280, 46.6291,
53.3377

155.4092,
175.6153, 197.3915

27.4315, 32.7425,
37.6829

192.0828,
216.0140, 242.2880

18.0358, 21.9293,
25.4367

234.1146,
262.1767, 293.5229

11.0756, 13.8049,
16.1808

281.8700,
314.4880, 351.5149

6.1853, 7.9851,
9.4964

335.7144,

2.9998, 4.0854,

373.3320, 416.6824

4.9652

396.0131,
439.0934, 489.4441

■ 1.1537, 1.7215,
2.1684

■ 0.0693, 0.4375,
0.6561

■ 73.8846, 85.1597,
96.5477

■ 73.8846, 85.1597,
96.5477

■ 67.3180, 81.8172,
94.4154

■ 81.5256, 89.0601,
98.7575

■ 61.7685, 78.9962,
92.3524

■ 90.2803, 93.5318,
101.0412

■ 57.1848, 76.6726,
90.3580

■ 91.3018, 94.0164,
102.9868

■ 53.5079, 74.8160,
88.4293

■ 91.6700, 94.1637,
104.9256

■ 50.6726, 73.3927,
86.5632

■ 92.0427, 94.3128,
106.8885

■ 48.6049, 72.3647,
84.7562

■ 92.2473, 94.3946,
107.9658

■ 47.2178, 71.6869,
83.0041

■ 46.3996, 71.3019,
81.3016

■ 46.2170, 71.2185,
80.8104

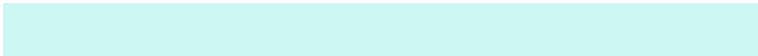
Harmonies

Analogous

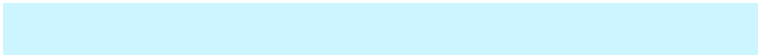
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1822, 85.1597, 85.7587



73.8846, 85.1597, 96.5477



75.4318, 85.1597, 107.0892

Triad

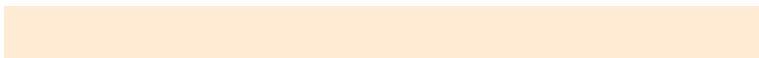
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8846, 85.1597, 96.5477



85.8133, 85.1597, 109.8327



83.4633, 85.1597, 74.1933

Complementary

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



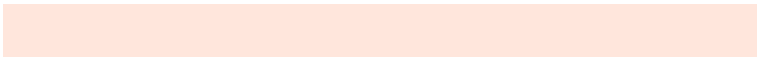
73.8846, 85.1597, 96.5477



70.9871, 67.3349, 68.9337

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.



86.7137, 85.1597, 79.7053



73.8846, 85.1597, 96.5477



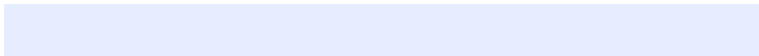
88.0999, 85.1597, 100.0575

Square

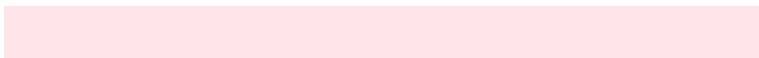
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8846, 85.1597, 96.5477



82.2659, 85.1597, 115.1517



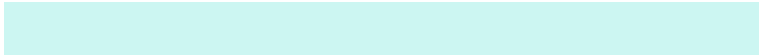
88.4345, 85.1597, 89.0035



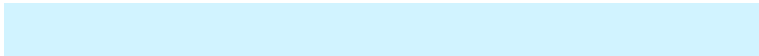
79.6318, 85.1597, 73.4164

Rectangle

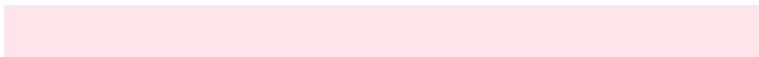
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8846, 85.1597, 96.5477



77.3309, 85.1597, 112.3459



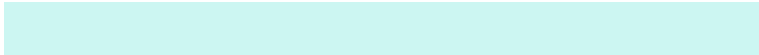
88.4345, 85.1597, 89.0035



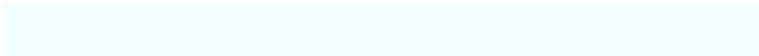
84.6633, 85.1597, 75.5319

Sweetspot

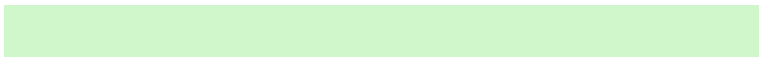
The Sweet Spot groups the original color and five complimentary colors.



73.8870, 85.1632, 96.5496



90.3188, 97.5835, 107.6605



69.9261, 83.7136, 69.6010



19.1949, 20.8169, 23.0068



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.



73.8870, 85.1632, 96.5496



77.9390, 91.2682, 104.0656



69.6136, 75.6434, 98.1245



16.9246, 18.7290, 20.8873



24.6964, 38.0234, 43.2828



2.1900, 3.3497, 3.9065

Inverse Universe

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



70.9871, 67.3349, 68.9337



74.3243, 69.0423, 69.6406



74.7118, 75.5626, 67.7755



16.5633, 16.5082, 17.4468



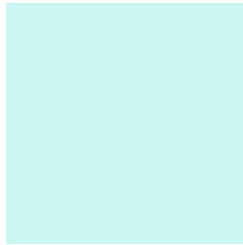
20.3932, 10.5007, 1.5133



1.8136, 0.9314, 0.2447

Previews

White Background



This preview shows how the XYZ color 73.8846, 85.1597, 96.5477 looks on a white background.

Color Contrast Check

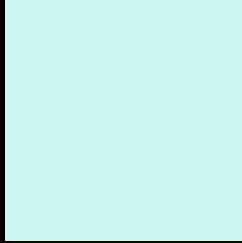
Large Text (above 18pt) WCAG AA × Fail

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 73.8846, 85.1597, 96.5477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

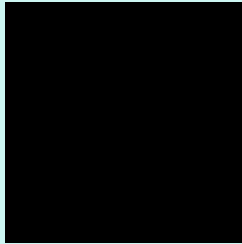
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

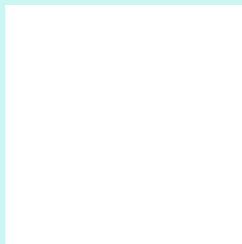
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8846, 85.1597, 96.5477

Background



This preview shows how black text looks on a background with the XYZ color 73.8846, 85.1597, 96.5477.



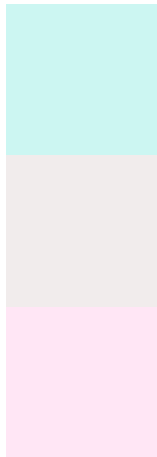
This preview shows how white text looks on a background with the XYZ color 73.8846, 85.1597,

96.5477.

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

73.8846, 85.1597, 96.5477

Protanopia

81.4114, 84.7478, 91.4240

Deuteranopia

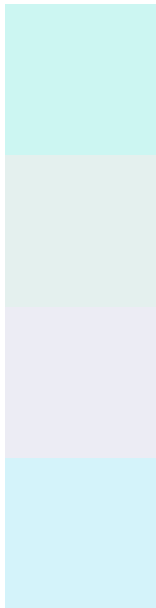
86.0182, 84.4462, 98.1523



Tritanopia

78.1206, 84.8823, 106.8743

Trichromacy



Original Color

73.8846, 85.1597, 96.5477

Protanomaly

78.5876, 84.9872, 93.1511

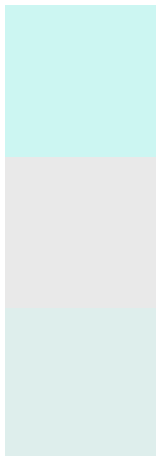
Deuteranomaly

80.9167, 84.3554, 97.6054

Tritanomaly

76.4573, 85.0004, 102.8195

Monochromacy



Original Color

73.8846, 85.1597, 96.5477

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.8391, 82.7348, 91.3291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8846, 85.1597, 96.5477 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 246, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 246, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.8846, 85.1597, 96.5477 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, 242) }
```


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

```
.border{ border-color:rgb(204, 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(204, 246, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 246, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 246, 242);  
box-shadow:4px 4px 4px 4px rgb(204, 246,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8846, 85.1597, 96.5477 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, 242) }
```

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

```
.background{ background-color: rgb(204,  
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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