

Converting Colors

XYZ(74.7590, 85.1587, 96.4279)

Have a look what the booklet for
XYZ(74.7590, 85.1587, 96.4279)
contains.

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Color

**XYZ(74.6918, 85.1255,
96.4986)**

Conversions

Conversions Part 1

Format	Color
Hex	D0F5F2
RGB	208, 245, 242
RGB Percent	82%, 96%, 95%
CMY	0.1843, 0.0392, 0.0510
CMYK	0.15, 0.00, 0.01, 0.04
HSL	175°, 65%, 89%
HSV	175°, 15%, 96%
XYZ	74.6918, 85.1255, 96.4986
YIQ	233.5950, -21.0890, -8.7770

Conversions

Conversions Part 2

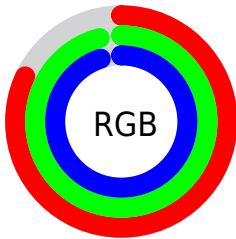
Format	Color
R _Y B	208, 227, 245
Decimal	13694450
CIE Lab	93.94, -12.46, -2.56
CIE LCh	94, 12.724, 191.622
Yxy	85.1255, 0.2914, 0.3321
Android (android.graphics.Color)	4291884530 (0xFFD0F5F2)
YUV	233.5950, 4.1437, -22.4468
Hunter-Lab	92.2635, -16.9566, 2.5729

Details

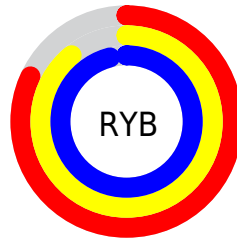
The XYZ color **74.6918, 85.1255, 96.4986** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.9729, 69.2296, 71.2009**, and the grayscale version is **77.8837, 81.9397, 89.2323**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1974, 46.7127, 53.3522** is the 20% darker color. If you saturate the color by 10%, you get **68.0321, 81.7289, 94.6379**, and if you desaturate by 10%, it is **82.4237, 89.0790, 98.4301**.

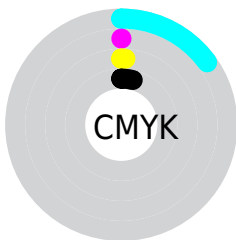
Distribution



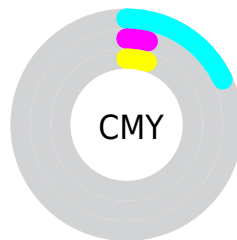
- Red (82%)
- Green (96%)
- Blue (95%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6918, 85.1255, 96.4986 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 74.6918, 85.1255, 96.4986 by changing the saturation by 10% instead.

74.6918, 85.1255,
96.4986

74.6918, 85.1255,
96.4986

465.8711,
512.0432, 570.0580

55.6537, 63.9451,
72.7791

124.8662,
140.5485, 158.3467

40.1613, 46.6062,
53.3047

156.7333,
175.5599, 197.3124

27.8491, 32.7244,
37.6566

193.6074,
215.9504, 242.1973

18.3518, 21.9154,
25.4165

235.8539,
262.1044, 293.4199

11.3041, 13.7948,
16.1658

283.8382,
314.4062, 351.3987

6.3405, 7.9781,
9.4859

337.9256,

3.0959, 4.0809,

373.2404, 416.5523

4.9584

398.4814,
438.9913, 489.2992

■ 1.2047, 1.7189,
2.1645

■ 0.1100, 0.4359,
0.6538

■ 74.6918, 85.1255,
96.4986

■ 74.6918, 85.1255,
96.4986

■ 68.0321, 81.7289,
94.6379

■ 82.4237, 89.0790,
98.4301

■ 62.3885, 78.8535,
92.8398

■ 90.5253, 93.2205,
100.3940

■ 57.7110, 76.4757,
91.1038

■ 90.8322, 93.3432,
102.0103

■ 53.9424, 74.5662,
89.4271

■ 91.1424, 93.4673,
103.6438

■ 51.0196, 73.0922,
87.8068

■ 91.4559, 93.5927,
105.2946

■ 48.8711, 72.0171,
86.2394

■ 91.7727, 93.7194,
106.9628

■ 47.4139, 71.2980,
84.7209

■ 91.9440, 93.7879,
107.8647

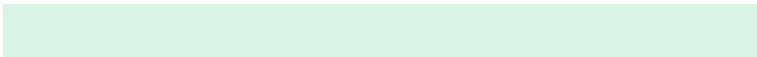
■ 46.5458, 70.8822,
83.2466

■ 46.2608, 70.7507,
82.5373

Harmonies

Analogous

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



74.8804, 85.1255, 86.9260



74.6918, 85.1255, 96.4986



76.1343, 85.1255, 105.6462

Triad

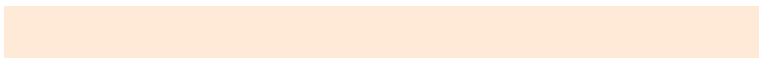
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6918, 85.1255, 96.4986



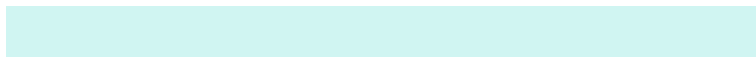
85.3159, 85.1255, 107.3524



82.9815, 85.1255, 76.0780

Complementary

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



74.6918, 85.1255, 96.4986



71.9729, 69.2296, 71.2009

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.



85.8798, 85.1255, 80.8338



74.6918, 85.1255, 96.4986



87.2533, 85.1255, 98.6975

Square

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



74.6918, 85.1255, 96.4986



82.2293, 85.1255, 112.1986



87.4625, 85.1255, 88.9775



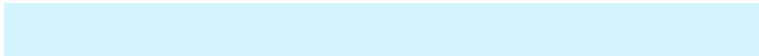
79.6033, 85.1255, 75.5801

Rectangle

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



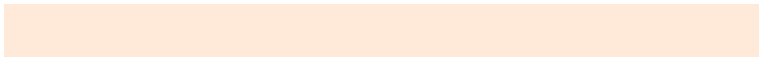
74.6918, 85.1255, 96.4986



77.8509, 85.1255, 110.0988



87.4625, 85.1255, 88.9775



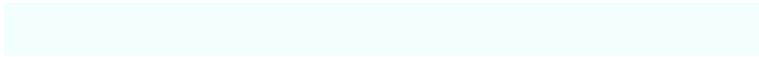
84.0466, 85.1255, 77.2154

Sweetspot

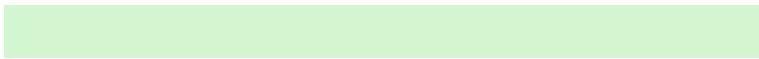
The Sweet Spot groups the original color and five complimentary colors.



74.6942, 85.1290, 96.5005



90.3476, 97.5950, 107.8125



70.9279, 83.7236, 72.0978



19.2019, 20.8197, 23.0439



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

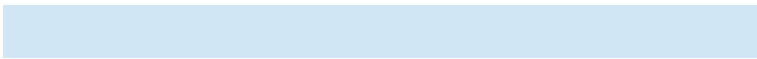
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6942, 85.1290, 96.5005



79.5387, 92.0723, 105.0734



70.6773, 76.3672, 97.4056



16.9353, 18.7332, 20.9434



24.9451, 38.1229, 44.5922



2.2093, 3.3574, 4.0080

Inverse Universe

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



71.9729, 69.2296, 71.2009



76.0531, 71.7053, 72.6668



75.5434, 76.9677, 70.5505



16.5537, 16.5043, 17.3965



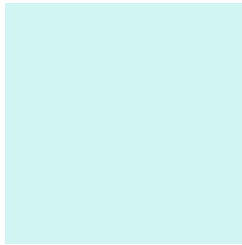
20.3732, 10.4927, 1.4075



1.8090, 0.9296, 0.2208

Previews

White Background



This preview shows how the XYZ color 74.6918, 85.1255, 96.4986 looks on a white background.

Color Contrast Check

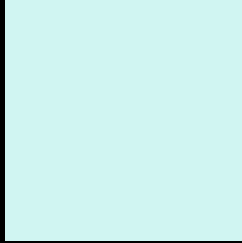
Large Text (above 18pt) WCAG AA × Fail

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 74.6918, 85.1255, 96.4986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

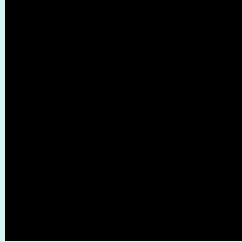
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

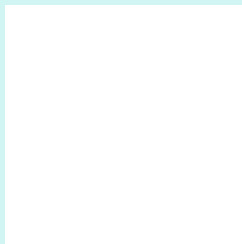
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6918, 85.1255, 96.4986

Background



This preview shows how black text looks on a background with the XYZ color 74.6918, 85.1255, 96.4986.



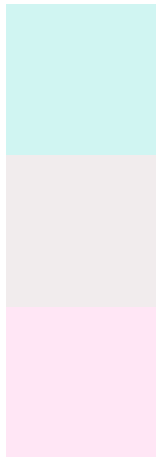
This preview shows how white text looks on a background with the XYZ color 74.6918, 85.1255,

96.4986.

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

74.6918, 85.1255, 96.4986

Protanopia

81.5571, 84.8061, 92.1915

Deuteranopia

86.0182, 84.4462, 98.1523



Tritanopia

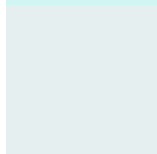
78.7187, 85.1907, 106.9023

Trichromacy



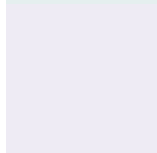
Original Color

74.6918, 85.1255, 96.4986



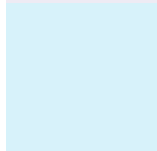
Protanomaly

78.7596, 84.6230, 93.8442



Deuteranomaly

81.2974, 84.1255, 97.5410



Tritanomaly

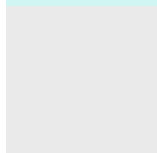
77.0318, 84.8535, 102.7608

Monochromacy



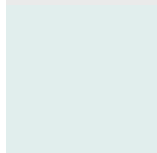
Original Color

74.6918, 85.1255, 96.4986



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.9119, 83.2710, 92.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6918, 85.1255, 96.4986 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(208, 245, 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(208, 245, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 245, 242) }
```

Border

The CSS property to change the border of an element to XYZ 74.6918, 85.1255, 96.4986 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, 242) }
```


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

```
.border{ border-color:rgb(208, 245, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 245, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 245, 242);  
box-shadow:4px 4px 4px 4px rgb(208, 245,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6918, 85.1255, 96.4986 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, 242) }
```

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

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