

Converting Colors

XYZ(76.7173, 86.3419, 98.2045)

Have a look what the booklet for
XYZ(76.7173, 86.3419, 98.2045)
contains.

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Color

**XYZ(76.7131, 86.1326,
98.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F5F4
RGB	214, 245, 244
RGB Percent	84%, 96%, 96%
CMY	0.1608, 0.0392, 0.0431
CMYK	0.13, 0.00, 0.00, 0.04
HSL	178°, 61%, 90%
HSV	178°, 13%, 96%
XYZ	76.7131, 86.1326, 98.1700
YIQ	235.6170, -18.1550, -6.8830

Conversions

Conversions Part 2

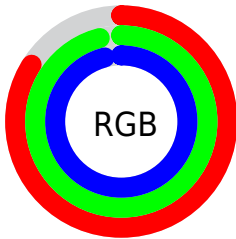
Format	Color
R _Y B	214, 230, 245
Decimal	14087668
CIE Lab	94.37, -10.20, -2.92
CIE LCh	94, 10.609, 195.984
Yxy	86.1326, 0.2939, 0.3300
Android (android.graphics.Color)	4292277748 (0xFFD6F5F4)
YUV	235.6170, 4.1328, -18.9581
Hunter-Lab	92.8077, -14.8686, 2.2496

Details

The XYZ color **76.7131, 86.1326, 98.1700** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9716, 72.4143, 74.3724**, and the grayscale version is **79.4174, 83.5533, 90.9896**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5728, 47.3970, 54.5344** is the 20% darker color. If you saturate the color by 10%, you get **69.9741, 82.6747, 97.2291**, and if you desaturate by 10%, it is **84.5330, 90.1523, 99.1678**.

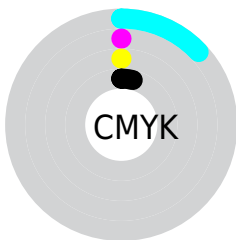
Distribution



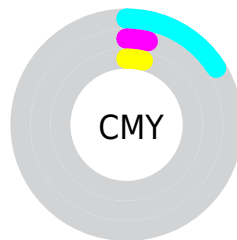
- Red (84%)
- Green (96%)
- Blue (96%)



- Red (84%)
- Yellow (90%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7131, 86.1326, 98.1700 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 76.7131, 86.1326, 98.1700 by changing the saturation by 10% instead.

76.7131, 86.1326,
98.1700

76.7131, 86.1326,
98.1700

472.6922,
515.3683, 575.5059

57.3165, 64.7776,
74.1648

127.7094,
141.9545, 160.6699

41.5006, 47.2808,
54.4313

160.0399,
177.1902, 200.0017

28.8998, 33.2577,
38.5511

197.4123,
217.8217, 245.2794

19.1489, 22.3239,
26.1055

240.1922,
264.2332, 296.9216

11.8826, 14.0951,
16.6761

288.7447,
316.8093, 355.3468

6.7354, 8.1868,
9.8443

343.4353,

3.3420, 4.2147,

375.9342, 420.9736

5.1916

404.6294,
441.9924, 494.2204

■ 1.3371, 1.7944,
2.2994

■ 0.2107, 0.4837,
0.7309

■ 76.7131, 86.1326,
98.1700

■ 76.7131, 86.1326,
98.1700

■ 69.9741, 82.6747,
97.2291

■ 84.5330, 90.1523,
99.1678

■ 64.2608, 79.7432,
96.3372


■ 90.4653, 93.1965,
100.0781


■ 59.5241, 77.3152,
95.4936


■ 90.5871, 93.2452,
100.7192

■ 55.7082, 75.3617,
94.6959


■ 90.7093, 93.2941,
101.3630

 52.7514, 73.8510,
93.9410


 90.8321, 93.3432,
102.0096


 50.5847, 72.7476,
93.2258


 90.9554, 93.3925,
102.6589


 49.1283, 72.0103,
92.5465

 91.0792, 93.4421,
103.3110

 48.2857, 71.5895,
91.8986

 91.2036, 93.4918,
103.9659

 47.9510, 71.4268,
91.4377

 91.3285, 93.5418,
104.6234

Harmonies

Analogous

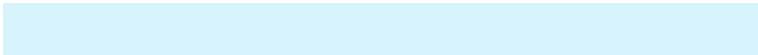
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6665, 86.1326, 90.0358



76.7131, 86.1326, 98.1700



78.1193, 86.1326, 105.5229

Triad

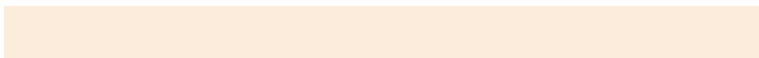
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7131, 86.1326, 98.1700



85.8689, 86.1326, 105.1112



83.2001, 86.1326, 79.3729

Complementary

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



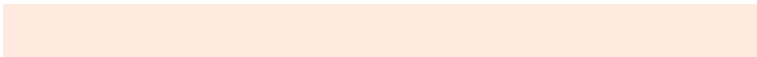
76.7131, 86.1326, 98.1700



73.9716, 72.4143, 74.3724

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.



85.7316, 86.1326, 82.9492



76.7131, 86.1326, 98.1700



87.2964, 86.1326, 97.6343

Square

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



76.7131, 86.1326, 98.1700



83.3840, 86.1326, 109.6862



87.2456, 86.1326, 89.5302



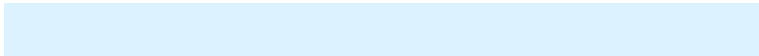
80.3674, 86.1326, 79.4978

Rectangle

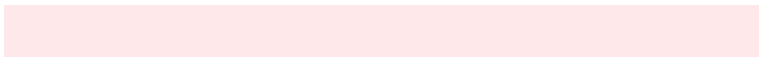
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



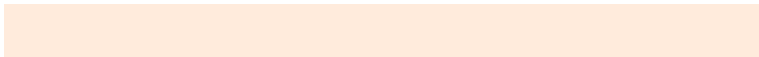
76.7131, 86.1326, 98.1700



79.6575, 86.1326, 108.8542



87.2456, 86.1326, 89.5302



84.1159, 86.1326, 80.1727

Sweetspot

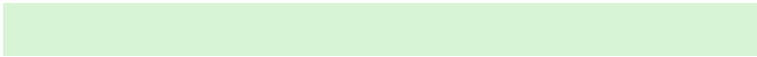
The Sweet Spot groups the original color and five complimentary colors.



76.7156, 86.1362, 98.1719



91.3433, 98.0953, 108.4493



72.8267, 84.6156, 76.1139



19.4067, 20.9222, 23.1947



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

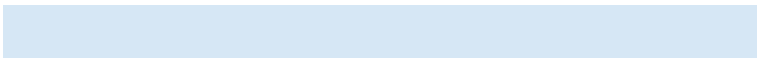
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7156, 86.1362, 98.1719



82.1523, 93.3739, 107.2593



72.6610, 77.7824, 97.5742



16.9722, 18.7480, 21.1378



25.8415, 38.4814, 49.3124



2.2784, 3.3850, 4.3718

Inverse Universe

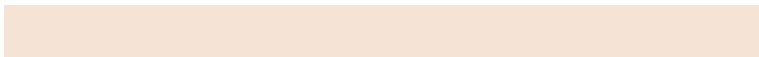
The Inverse Universe completely reimagines the original color for something new.



73.9716, 72.4143, 74.3724



78.6418, 75.8183, 76.8110



77.6688, 80.0145, 74.9706



16.5209, 16.4912, 17.2235



20.3192, 10.4711, 1.1232



1.7934, 0.9233, 0.1382

Previews

White Background



This preview shows how the XYZ color 76.7131, 86.1326, 98.1700 looks on a white background.

Color Contrast Check

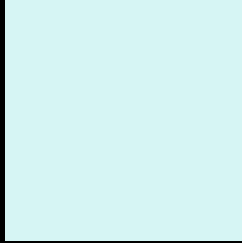
Large Text (above 18pt) WCAG AA × Fail

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 76.7131, 86.1326, 98.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

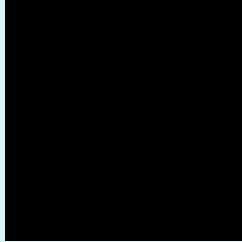
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

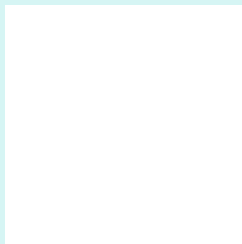
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.7131, 86.1326, 98.1700

Background



This preview shows how black text looks on a background with the XYZ color 76.7131, 86.1326, 98.1700.



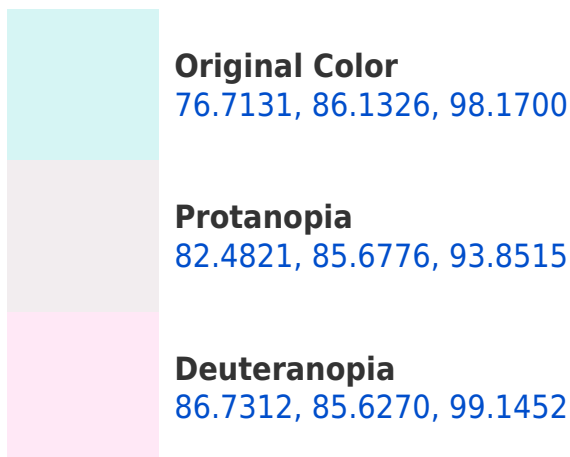
This preview shows how white text looks on a background with the XYZ color 76.7131, 86.1326,

98.1700.

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

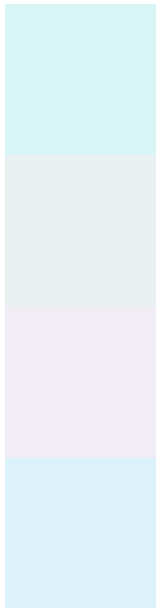




Tritanopia

80.2458, 85.9779, 106.9737

Trichromacy



Original Color

76.7131, 86.1326, 98.1700

Protanomaly

80.3160, 85.8269, 95.5522

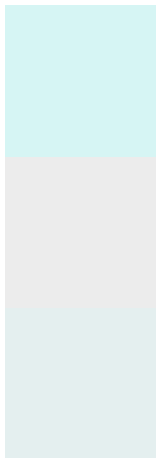
Deuteranomaly

82.7008, 85.6862, 98.5665

Tritanomaly

78.6799, 85.6849, 103.6588

Monochromacy



Original Color

76.7131, 86.1326, 98.1700

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.4414, 84.4590, 93.8293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7131, 86.1326, 98.1700 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(214, 245, 244)` looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 244)  
}
```

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(214, 245, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 244) }
```

Border

The CSS property to change the border of an element to XYZ 76.7131, 86.1326, 98.1700 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(214, 245, 244) }
```


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

```
.border{ border-color:rgb(214, 245, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 245, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 245, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 245, 244);  
box-shadow:4px 4px 4px 4px rgb(214, 245,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7131, 86.1326, 98.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 245, 244) }
```

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

```
.background{ background-color: rgb(214,  
245, 244) }
```

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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