

Converting Colors

XYZ(76.5757, 86.8266, 97.4741)

Have a look what the booklet for
XYZ(76.5757, 86.8266, 97.4741)
contains.

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Color

**XYZ(76.5898, 86.9896,
97.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F7F3
RGB	212, 247, 243
RGB Percent	83%, 97%, 95%
CMY	0.1686, 0.0314, 0.0471
CMYK	0.14, 0.00, 0.02, 0.03
HSL	173°, 69%, 90%
HSV	173°, 14%, 97%
XYZ	76.5898, 86.9896, 97.5480
YIQ	236.0790, -19.5760, -8.6640

Conversions

Conversions Part 2

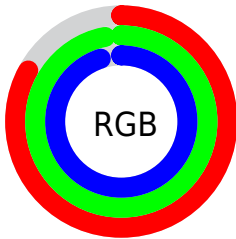
Format	Color
R _Y B	212, 231, 247
Decimal	13957107
CIE Lab	94.73, -12.02, -1.88
CIE LCh	95, 12.168, 188.905
Yxy	86.9896, 0.2933, 0.3331
Android (android.graphics.Color)	4292147187 (0xFFD4F7F3)
YUV	236.0790, 3.4121, -21.1173
Hunter-Lab	93.2682, -16.6391, 3.2771

Details

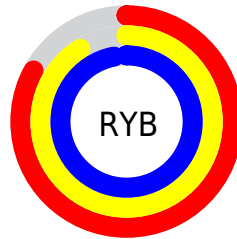
The XYZ color **76.5898, 86.9896, 97.5480** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.2990, 71.8213, 74.9165**, and the grayscale version is **79.7768, 83.9314, 91.4013**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5051, 48.0176, 54.0945** is the 20% darker color. If you saturate the color by 10%, you get **69.5842, 83.4293, 95.0118**, and if you desaturate by 10%, it is **84.6962, 91.1213, 100.1737**.

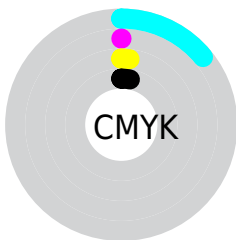
Distribution



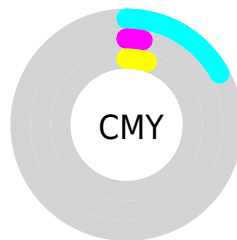
- Red (83%)
- Green (97%)
- Blue (95%)



- Red (83%)
- Yellow (91%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (17%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5898, 86.9896, 97.5480 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 76.5898, 86.9896, 97.5480 by changing the saturation by 10% instead.

76.5898, 86.9896,
97.5480

76.5898, 86.9896,
97.5480

472.2777,
518.1887, 573.4818

57.2150, 65.4866,
73.6489

127.5362,
143.1496, 159.8058

41.4187, 47.8558,
54.0117

159.8385,
178.5755, 199.0017

28.8355, 33.7127,
38.2178

197.1808,
219.4110, 244.1335

19.1001, 22.6730,
25.8486

239.9282,
266.0407, 295.6199

11.8471, 14.3522,
16.4857

288.4463,
318.8490, 353.8794

6.7111, 8.3660,
9.7104

343.1003,

3.3268, 4.3300,

378.2201, 419.3305

5.1043

404.2557,
444.5385, 492.3918

■ 1.3288, 1.8598,
2.2488

■ 0.2046, 0.5241,
0.7023

■ 76.5898, 86.9896,
97.5480

■ 76.5898, 86.9896,
97.5480

■ 69.5842, 83.4293,
95.0118

■ 84.6962, 91.1213,
100.1737

■ 63.6226, 80.4042,
92.5567

■ 91.5470, 94.6025,
102.7732

■ 58.6542, 77.8903,
90.1821

■ 91.9902, 94.7798,
105.1074

■ 54.6213, 75.8579,
87.8850

■ 92.4401, 94.9598,
107.4767

■ 51.4599, 74.2741,
85.6624

■ 92.5523, 95.0047,
108.0674

■ 49.0982, 73.1017,
83.5108

■ 47.4526, 72.2979,
81.4260

■ 46.4212, 71.8098,
79.4031

■ 46.0162, 71.6262,
78.2484

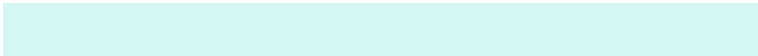
Harmonies

Analogous

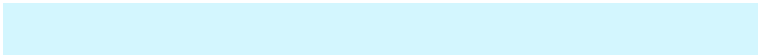
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9205, 86.9896, 88.3472



76.5898, 86.9896, 97.5480



77.8572, 86.9896, 106.5518

Triad

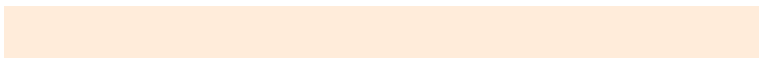
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5898, 86.9896, 97.5480



86.7163, 86.9896, 109.5203



84.9779, 86.9896, 78.8054

Complementary

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



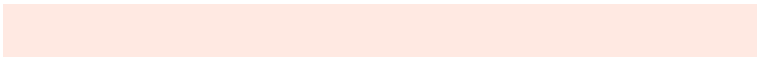
76.5898, 86.9896, 97.5480



74.2990, 71.8213, 74.9165

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.



87.7001, 86.9896, 83.7925



76.5898, 86.9896, 97.5480



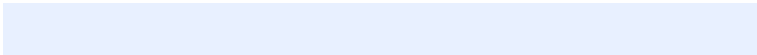
88.7221, 86.9896, 101.3856

Square

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



76.5898, 86.9896, 97.5480



83.6637, 86.9896, 113.7587



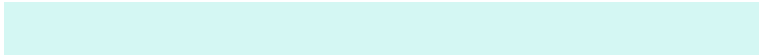
89.0869, 86.9896, 91.9411



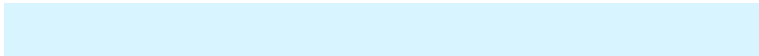
81.7060, 86.9896, 77.9282

Rectangle

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



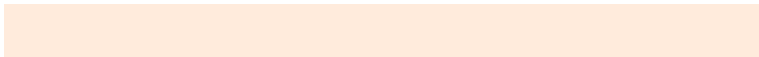
76.5898, 86.9896, 97.5480



79.4580, 86.9896, 111.0864



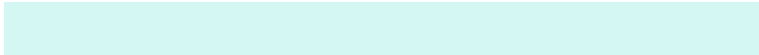
89.0869, 86.9896, 91.9411



85.9900, 86.9896, 80.0401

Sweetspot

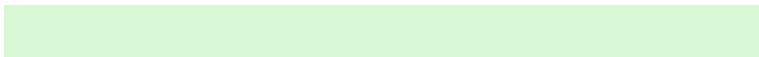
The Sweet Spot groups the original color and five complimentary colors.



76.5923, 86.9932, 97.5499



91.2092, 98.0416, 107.7428



73.4906, 85.8903, 74.9940



19.3726, 20.9085, 23.0152



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

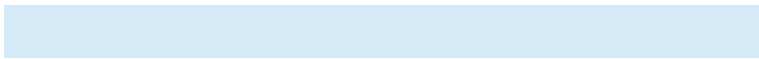
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5923, 86.9932, 97.5499



80.0725, 92.3698, 104.0859



73.2468, 79.3241, 99.4504



16.9103, 18.7233, 20.8119



24.3693, 37.8925, 41.5599



2.1646, 3.3395, 3.7725

Inverse Universe

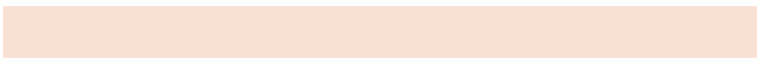
The Inverse Universe completely reimagines the original color for something new.



74.2990, 71.8213, 74.9165



77.1695, 73.1615, 75.4330



77.2824, 78.6065, 73.3882



16.5762, 16.5133, 17.5148



20.4242, 10.5131, 1.6764



1.8197, 0.9338, 0.2770

Previews

White Background



This preview shows how the XYZ color 76.5898, 86.9896, 97.5480 looks on a white background.

Color Contrast Check

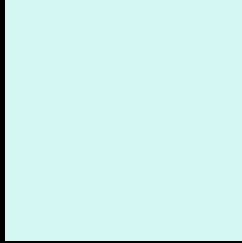
Large Text (above 18pt) WCAG AA × Fail

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 76.5898, 86.9896, 97.5480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

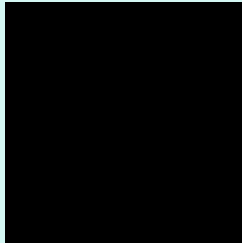
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

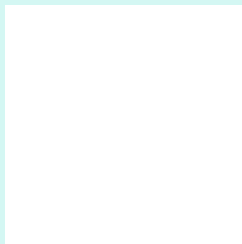
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5898, 86.9896, 97.5480

Background



This preview shows how black text looks on a background with the XYZ color 76.5898, 86.9896, 97.5480.



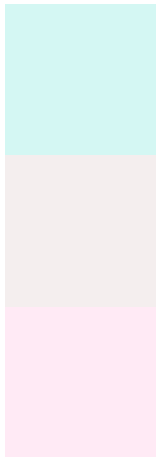
This preview shows how white text looks on a background with the XYZ color 76.5898, 86.9896,

97.5480.

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

76.5898, 86.9896, 97.5480

Protanopia

83.3154, 86.5552, 93.2046

Deuteranopia

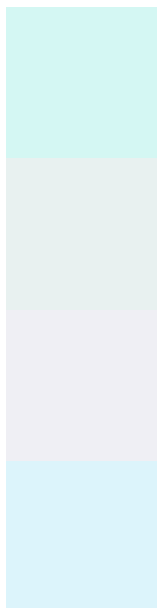
87.1442, 86.6982, 98.5276



Tritanopia

80.8535, 86.7318, 107.0872

Trichromacy



Original Color

76.5898, 86.9896, 97.5480

Protanomaly

80.4622, 86.3577, 94.8660

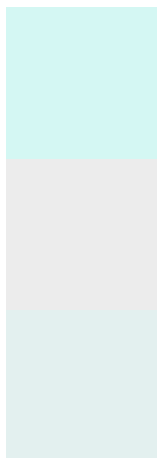
Deuteranomaly

82.7922, 86.6154, 97.9428

Tritanomaly

79.2785, 86.8820, 103.8583

Monochromacy



Original Color

76.5898, 86.9896, 97.5480

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.4186, 84.8831, 93.9123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5898, 86.9896, 97.5480 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(212, 247, 243)` looks like.

```
.text, #text, p{  
    color:rgb(212, 247, 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(212, 247, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 247, 243) }
```

Border

The CSS property to change the border of an element to XYZ 76.5898, 86.9896, 97.5480 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(212, 247, 243) }
```


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

```
.border{ border-color:rgb(212, 247, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 247, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 247, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 247, 243);  
box-shadow:4px 4px 4px 4px rgb(212, 247,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5898, 86.9896, 97.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 247, 243) }
```

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

```
.background{ background-color: rgb(212,  
247, 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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