

Converting Colors

XYZ(76.5175, 86.4405,
103.3273)

Have a look what the booklet for
XYZ(76.5175, 86.4405, 103.3273)
contains.

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Color

**XYZ(76.5056, 86.3690,
103.0811)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F6FA
RGB	209, 246, 250
RGB Percent	82%, 96%, 98%
CMY	0.1804, 0.0353, 0.0196
CMYK	0.16, 0.02, 0.00, 0.02
HSL	186°, 80%, 90%
HSV	186°, 16%, 98%
XYZ	76.5056, 86.3690, 103.0811
YIQ	235.3930, -23.3360, -6.6000

Conversions

Conversions Part 2

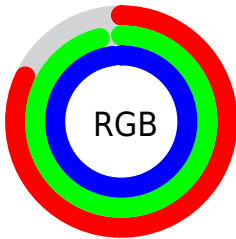
Format	Color
R _Y B	209, 228, 250
Decimal	13760250
CIE Lab	94.47, -11.05, -5.92
CIE LCh	94, 12.538, 208.160
Yxy	86.3690, 0.2877, 0.3247
Android (android.graphics.Color)	4291950330 (0xFFD1F6FA)
YUV	235.3930, 7.2013, -23.1467
Hunter-Lab	92.9349, -15.6919, -0.7085

Details

The XYZ color **76.5056, 86.3690, 103.0811** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7279, 72.5159, 70.3816**, and the grayscale version is **79.2267, 83.3527, 90.7710**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4775, 47.5920, 58.0390** is the 20% darker color. If you saturate the color by 10%, you get **69.2442, 81.5346, 102.5321**, and if you desaturate by 10%, it is **84.8916, 91.8021, 103.6892**.

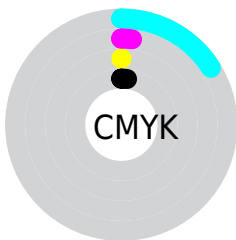
Distribution



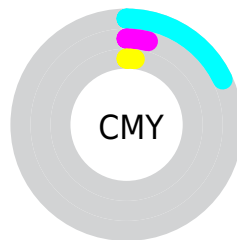
- Red (82%)
- Green (96%)
- Blue (98%)



- Red (82%)
- Yellow (89%)
- Blue (98%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5056, 86.3690, 103.0811 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 76.5056, 86.3690, 103.0811 by changing the saturation by 10% instead.

76.5056, 86.3690,
103.0811

76.5056, 86.3690,
103.0811

471.9945,
516.1472, 591.3573

57.1457, 64.9731,
78.2450

127.4179,
142.2843, 167.4736

41.3628, 47.4393,
57.7576

159.7010,
177.5726, 207.8671

28.7916, 33.3831,
41.2004

197.0226,
218.2604, 254.2834

19.0667, 22.4201,
28.1548

239.7479,
264.7322, 307.1412

11.8228, 14.1659,
18.2024

288.2425,
317.3724, 366.8589

6.6945, 8.2361,
10.9244

342.8715,

3.3164, 4.2464,

376.5653, 433.8552

5.9025

404.0004,
442.6955, 508.5484

■ 1.3232, 1.8123,
2.7181

■ 0.2005, 0.4948,
0.9525

■ 76.5056, 86.3690,
103.0811

■ 76.5056, 86.3690,
103.0811

■ 69.2442, 81.5346,
102.5321

■ 84.8916, 91.8021,
103.6892

■ 63.0482, 77.2617,
102.0339

■ 92.9550, 97.0811,
104.2831

■ 57.8645, 73.5248,
101.5858

■ 93.7207, 98.6125,
104.5384

■ 53.6320, 70.2927,
101.1850

■ 94.2556, 99.6822,
104.7167

■ 50.2835, 67.5304,
100.8283

■ 47.7426, 65.1987,
100.5122

■ 45.9198, 63.2512,
100.2324

■ 44.7033, 61.6304,
99.9836

■ 44.3519, 61.0949,
99.8988

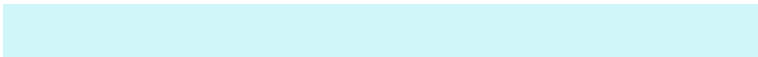
Harmonies

Analogous

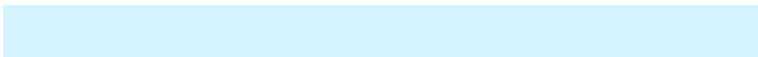
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7787, 86.3690, 93.4461



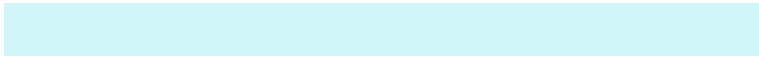
76.5056, 86.3690, 103.0811



78.7174, 86.3690, 110.7174

Triad

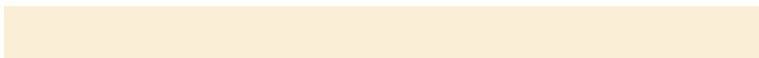
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5056, 86.3690, 103.0811



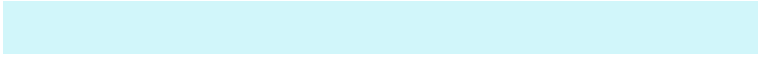
87.7243, 86.3690, 104.1830



82.2995, 86.3690, 76.6732

Complementary

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



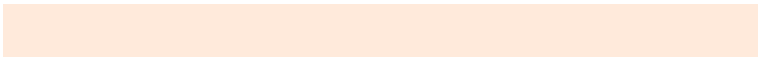
76.5056, 86.3690, 103.0811



74.7279, 72.5159, 70.3816

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.



85.5600, 86.3690, 79.1296



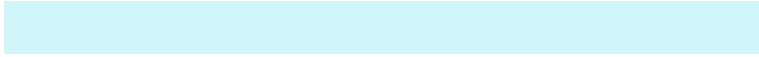
76.5056, 86.3690, 103.0811



88.7447, 86.3690, 94.6387

Square

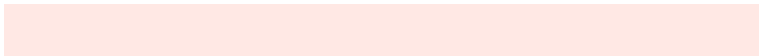
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5056, 86.3690, 103.0811



85.1898, 86.3690, 111.3836



87.9421, 86.3690, 85.5458



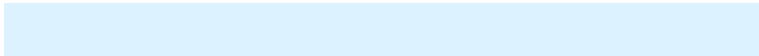
79.0686, 86.3690, 78.5993

Rectangle

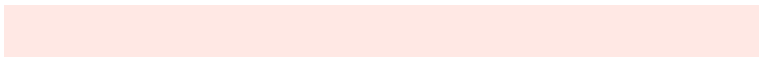
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



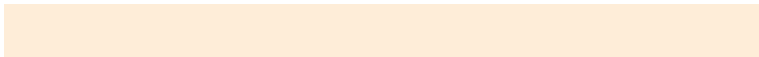
76.5056, 86.3690, 103.0811



80.7678, 86.3690, 113.4144



87.9421, 86.3690, 85.5458



83.4289, 86.3690, 77.0102

Sweetspot

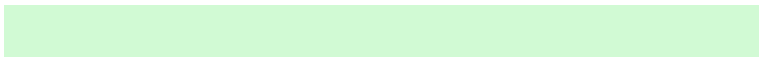
The Sweet Spot groups the original color and five complimentary colors.



76.5081, 86.3726, 103.0830



90.1186, 96.8711, 108.5560



72.4179, 86.7026, 75.4833



19.1461, 20.6431, 23.2254



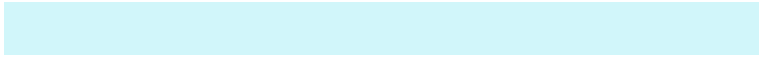
0.0000, 0.0000, 0.0000



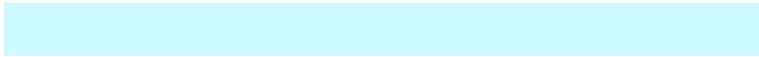
20.3446, 21.4041, 23.3091

Same Dimension

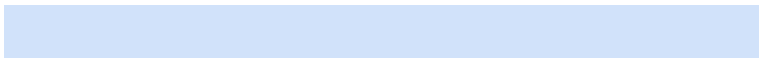
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5081, 86.3726, 103.0830



77.1463, 88.4463, 107.6136



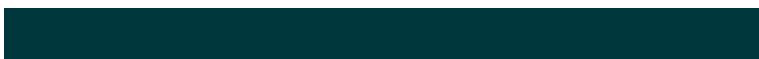
70.7704, 74.8971, 101.1705



17.6127, 19.3023, 22.1827



23.5849, 32.5253, 53.0085



2.2250, 3.0938, 4.9231

Inverse Universe

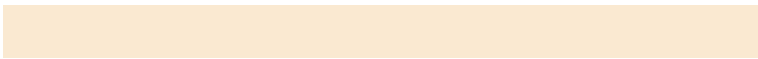
The Inverse Universe completely reimagines the original color for something new.



78.8614, 72.5806, 97.0459



80.0927, 71.3497, 100.0165



80.0498, 83.1597, 72.1556



17.9158, 17.4937, 21.4124



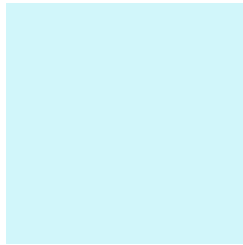
28.1966, 13.6944, 39.3392



2.6320, 1.2765, 3.7516

Previews

White Background



This preview shows how the XYZ color 76.5056, 86.3690, 103.0811 looks on a white background.

Color Contrast Check

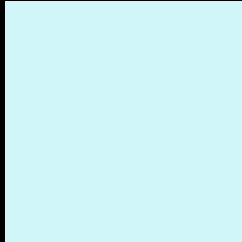
Large Text (above 18pt) WCAG AA × Fail

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 76.5056, 86.3690, 103.0811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

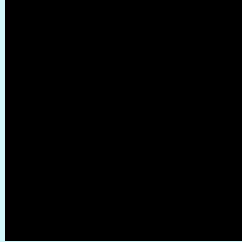
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5056, 86.3690, 103.0811

Background



This preview shows how black text looks on a background with the XYZ color 76.5056, 86.3690, 103.0811.

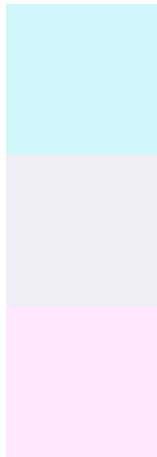


This preview shows how white text looks on a background with the XYZ color 76.5056, 86.3690,

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

76.5056, 86.3690, 103.0811

Protanopia

83.0412, 85.8617, 98.5824

Deuteranopia

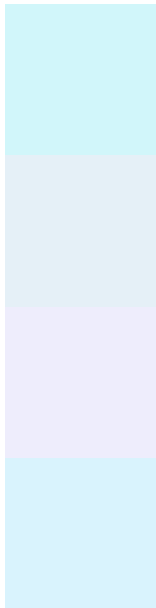
87.8262, 86.0651, 104.9118



Tritanopia

79.9263, 86.2539, 107.0438

Trichromacy



Original Color

76.5056, 86.3690, 103.0811

Protanomaly

80.2617, 85.6936, 100.3060

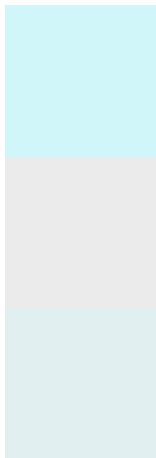
Deuteranomaly

83.1148, 85.7738, 104.2708

Tritanomaly

78.3955, 85.9447, 105.3856

Monochromacy



Original Color

76.5056, 86.3690, 103.0811

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.9587, 84.1930, 94.5801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5056, 86.3690, 103.0811 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(209, 246, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 246, 250)  
}
```

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(209, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 246, 250) }
```

Border

The CSS property to change the border of an element to XYZ 76.5056, 86.3690, 103.0811 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(209, 246, 250) }
```


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

```
.border{ border-color:rgb(209, 246, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 246, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 246,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5056, 86.3690, 103.0811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 246, 250) }
```

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

```
.background{ background-color: rgb(209,  
246, 250) }
```

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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