

Converting Colors

XYZ(76.1958, 85.9870,
104.2038)

Have a look what the booklet for
XYZ(76.1958, 85.9870, 104.2038)
contains.

XYZ(76.3808, 86.2865, 103.8960)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.3808, 86.2865,
103.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	D0F6FB
RGB	208, 246, 251
RGB Percent	82%, 96%, 98%
CMY	0.1843, 0.0353, 0.0157
CMYK	0.17, 0.02, 0.00, 0.02
HSL	187°, 84%, 90%
HSV	187°, 17%, 98%
XYZ	76.3808, 86.2865, 103.8960
YIQ	235.2080, -24.2530, -6.5010

Conversions

Conversions Part 2

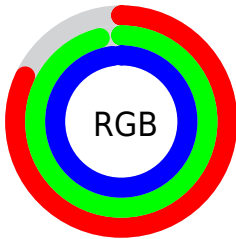
Format	Color
R _Y B	208, 228, 251
Decimal	13694715
CIE Lab	94.43, -11.16, -6.49
CIE LCh	94, 12.908, 210.205
Yxy	86.2865, 0.2865, 0.3237
Android (android.graphics.Color)	4291884795 (0xFFD0F6FB)
YUV	235.2080, 7.7855, -23.8614
Hunter-Lab	92.8905, -15.7838, -1.2912

Details

The XYZ color **76.3808, 86.2865, 103.8960** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.9637, 72.6518, 69.7483**, and the grayscale version is **79.0819, 83.2003, 90.6051**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4007, 47.5393, 58.6237** is the 20% darker color. If you saturate the color by 10%, you get **68.9952, 81.1746, 103.3000**, and if you desaturate by 10%, it is **84.9022, 92.0091, 104.5528**.

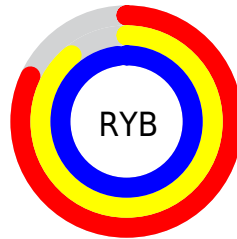
Distribution



Red (82%)

Green (96%)

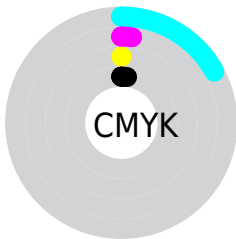
Blue (98%)



Red (82%)

Yellow (89%)

Blue (98%)

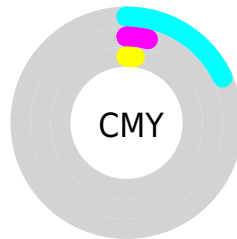


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (2%)



Cyan (18%)

Magenta (4%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3808, 86.2865, 103.8960 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 76.3808, 86.2865, 103.8960 by changing the saturation by 10% instead.

76.3808, 86.2865,
103.8960

76.3808, 86.2865,
103.8960

471.5746,
515.8754, 593.9657

57.0430, 64.9049,
78.9233

127.2425,
142.1692, 168.5994

41.2800, 47.3840,
58.3118

159.4971,
177.4391, 209.1671

28.7266, 33.3393,
41.6430

196.7881,
218.1073, 255.7702

19.0173, 22.3865,
28.4984

239.4806,
264.5581, 308.8272

11.7869, 14.1412,
18.4594

287.9402,
317.1759, 368.7568

6.6699, 8.2189,
11.1074

342.5322,

3.3010, 4.2353,

376.3451, 435.9773

6.0241

403.6219,
442.4502, 510.9075

■ 1.3149, 1.8061,
2.7907

■ 0.1943, 0.4910,
0.9888

■ 76.3808, 86.2865,
103.8960

■ 76.3808, 86.2865,
103.8960

■ 68.9952, 81.1746,
103.3000

■ 84.9022, 92.0091,
104.5528

■ 62.6852, 76.6356,
102.7564

■ 93.4125, 97.7445,
105.2113

■ 57.3969, 72.6437,
102.2646

■ 94.3347, 99.5889,
105.5187

■ 53.0682, 69.1670,
101.8217

■ 94.4128, 99.7451,
105.5448

■ 49.6305, 66.1699,
101.4244

■ 47.0058, 63.6121,
101.0690

■ 45.1025, 61.4463,
100.7513

■ 43.8031, 59.6119,
100.4657

■ 43.4904, 59.1202,
100.3873

Harmonies

Analogous

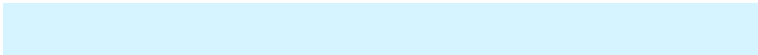
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5202, 86.2865, 94.0198



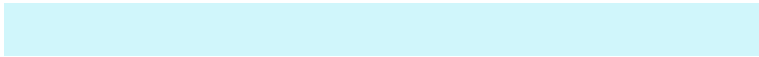
76.3808, 86.2865, 103.8960



78.7420, 86.2865, 111.5279

Triad

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



76.3808, 86.2865, 103.8960



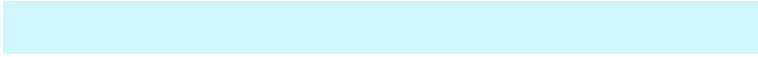
87.9400, 86.2865, 103.7692



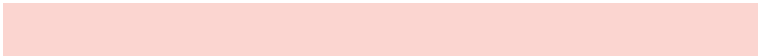
81.9888, 86.2865, 76.1098

Complementary

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



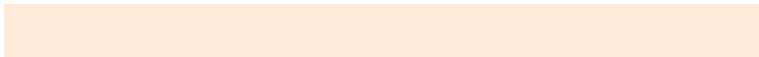
76.3808, 86.2865, 103.8960



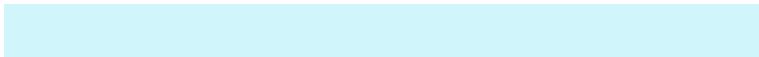
74.9637, 72.6518, 69.7483

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.



85.3728, 86.2865, 78.3259



76.3808, 86.2865, 103.8960



88.8671, 86.2865, 93.8829

Square

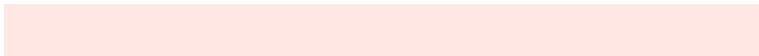
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3808, 86.2865, 103.8960



85.4153, 86.2865, 111.4511



87.9149, 86.2865, 84.6624



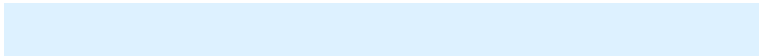
78.7017, 86.2865, 78.3865

Rectangle

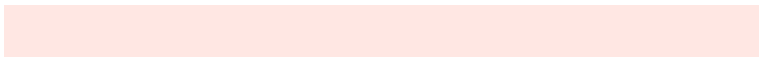
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



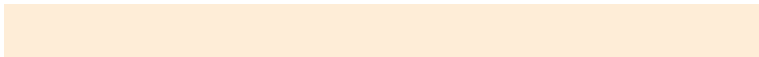
76.3808, 86.2865, 103.8960



80.8830, 86.2865, 114.0664



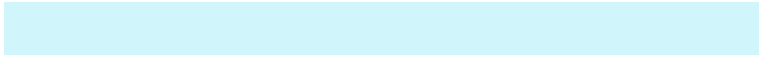
87.9149, 86.2865, 84.6624



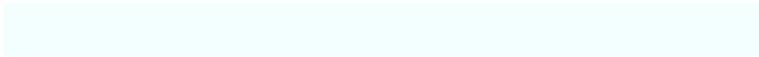
83.1530, 86.2865, 76.3520

Sweetspot

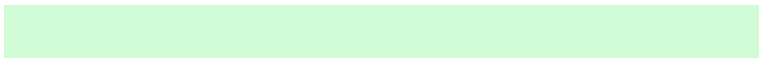
The Sweet Spot groups the original color and five complimentary colors.



76.3833, 86.2901, 103.8979



90.0430, 96.7199, 108.5308



72.4327, 87.1744, 75.4963



19.1276, 20.6062, 23.2192



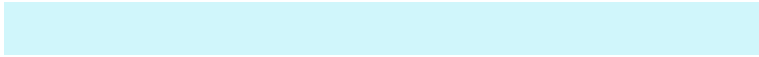
0.0000, 0.0000, 0.0000



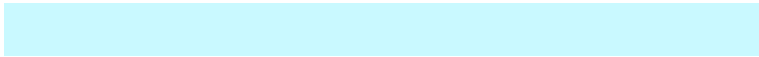
20.3446, 21.4041, 23.3091

Same Dimension

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



76.3833, 86.2901, 103.8979



76.0655, 87.3139, 107.4519



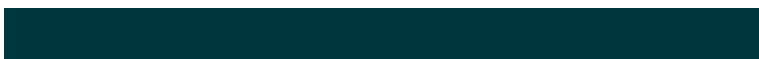
70.4059, 74.3352, 101.9055



17.5835, 19.2439, 22.1730



22.9299, 31.2155, 52.7902



2.1710, 2.9857, 4.9050

Inverse Universe

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



78.9761, 72.2767, 96.9812



79.2959, 70.0691, 98.7860



80.5362, 83.7967, 71.6058



17.9011, 17.4878, 21.3348



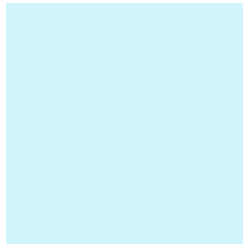
27.8660, 13.5621, 37.5984



2.6047, 1.2656, 3.6079

Previews

White Background



This preview shows how the XYZ color 76.3808, 86.2865, 103.8960 looks on a white background.

Color Contrast Check

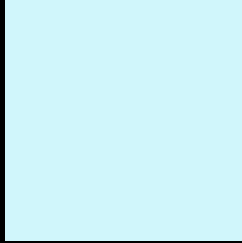
Large Text (above 18pt) WCAG AA × Fail

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 76.3808, 86.2865, 103.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

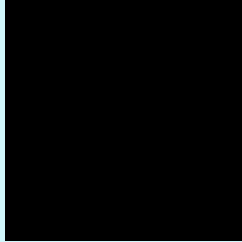
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3808, 86.2865, 103.8960

Background



This preview shows how black text looks on a background with the XYZ color 76.3808, 86.2865, 103.8960.

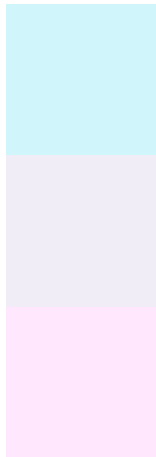


This preview shows how white text looks on a background with the XYZ color 76.3808, 86.2865,

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

76.3808, 86.2865, 103.8960

Protanopia

83.1944, 85.9230, 99.3888

Deuteranopia

87.9860, 86.1290, 105.7531



Tritanopia

79.6209, 86.0964, 107.0295

Trichromacy



Original Color

76.3808, 86.2865, 103.8960

Protanomaly

80.4165, 85.7555, 101.1210

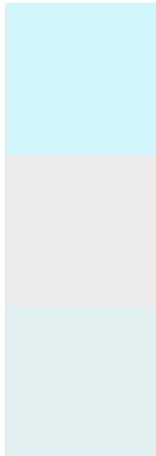
Deuteranomaly

83.2737, 85.8374, 105.1078

Tritanomaly

78.2589, 85.8559, 106.2131

Monochromacy



Original Color

76.3808, 86.2865, 103.8960

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.7950, 84.0914, 95.3501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3808, 86.2865, 103.8960 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, 246, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 246, 251)  
}
```

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, 246, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 246, 251) }
```

Border

The CSS property to change the border of an element to XYZ 76.3808, 86.2865, 103.8960 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, 246, 251) }
```


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

```
.border{ border-color:rgb(208, 246, 251) }
```

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

Here you see how a box with a 4 pixel rgb(208, 246, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 246, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 246, 251);  
box-shadow:4px 4px 4px 4px rgb(208, 246,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3808, 86.2865, 103.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 246, 251) }
```

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

```
.background{ background-color: rgb(208,  
246, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor