

Converting Colors

XYZ(77.3158, 85.2715,
106.2929)

Have a look what the booklet for
XYZ(77.3158, 85.2715, 106.2929)
contains.

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Color

**XYZ(77.3806, 85.4031,
106.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F3FE
RGB	213, 243, 254
RGB Percent	84%, 95%, 100%
CMY	0.1647, 0.0470, 0.0039
CMYK	0.16, 0.04, 0.00, 0.00
HSL	196°, 95%, 92%
HSV	196°, 16%, 100%
XYZ	77.3806, 85.4031, 106.1720
YIQ	235.2840, -21.4110, -2.9390

Conversions

Conversions Part 2

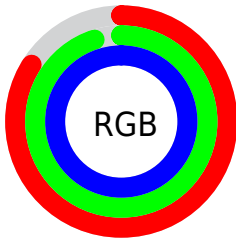
Format	Color
R_{YB}	213, 230, 254
Decimal	14021630
CIE _{Lab}	94.06, -7.51, -8.57
CIE _{LCh}	94, 11.395, 228.798
Yxy	85.4031, 0.2877, 0.3175
Android (android.graphics.Color)	4292211710 (0xFFD5F3FE)
YUV	235.2840, 9.2270, -19.5431
Hunter-Lab	92.4138, -12.2612, -3.4272

Details

The XYZ color **77.3806, 85.4031, 106.1720** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.5397, 79.1862, 74.0448**, and the grayscale version is **79.1276, 83.2484, 90.6575**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9489, 46.8410, 59.6536** is the 20% darker color. If you saturate the color by 10%, you get **68.5818, 77.8986, 105.1886**, and if you desaturate by 10%, it is **87.4140, 93.6608, 107.2385**.

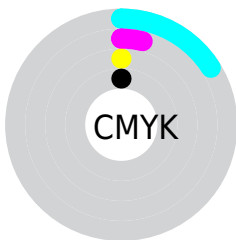
Distribution



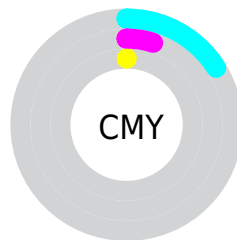
- Red (84%)
- Green (95%)
- Blue (100%)



- Red (84%)
- Yellow (90%)
- Blue (100%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3806, 85.4031, 106.1720 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 77.3806, 85.4031, 106.1720 by changing the saturation by 10% instead.

77.3806, 85.4031,
106.1720

77.3806, 85.4031,
106.1720

474.9328,
512.9610, 601.2195

57.8663, 64.1745,
80.8194

128.6466,
140.9362, 171.7390

41.9440, 46.7920,
59.8628

161.1290,
176.0096, 212.7905

29.2484, 32.8713,
42.8835

198.6648,
216.4666, 259.9120

19.4140, 22.0279,
29.4630

241.6195,
262.6917, 313.5221

12.0756, 13.8774,
19.1827

290.3582,
315.0693, 374.0394

6.8678, 8.0354,
11.6242

345.2464,

3.4251, 4.1176,

373.9838, 441.8824

6.3689

406.6495,
439.8195, 517.4695

■ 1.3824, 1.7396,
2.9983

■ 0.2436, 0.4491,
1.0938

■ 77.3806, 85.4031,
106.1720

■ 77.3806, 85.4031,
106.1720

■ 68.5818, 77.8986,
105.1886

■ 87.4140, 93.6608,
107.2385

■ 60.9556, 71.1074,
104.2797

94.8897, 99.9359,
108.0556

■ 54.4459, 65.0018,
103.4443

■ 48.9889, 59.5474,
102.6791

■ 44.5137, 54.7067,
101.9806

■ 40.9405, 50.4370,
101.3448

■ 38.1757, 46.6888,
100.7671

■ 36.1033, 43.4011,
100.2417

■ 35.4222, 42.2209,
100.0498

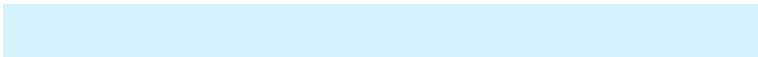
Harmonies

Analogous

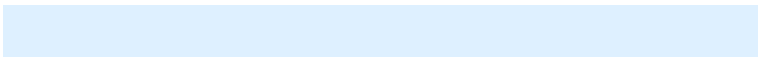
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7606, 85.4031, 98.4928



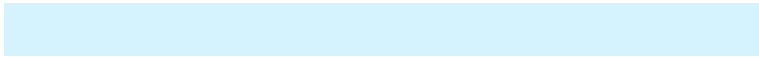
77.3806, 85.4031, 106.1720



80.0420, 85.4031, 110.4098

Triad

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



77.3806, 85.4031, 106.1720



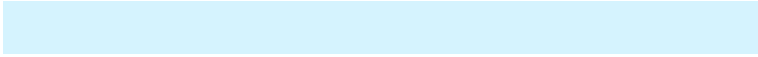
87.0474, 85.4031, 96.2820



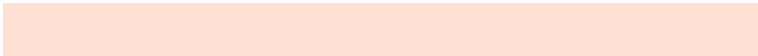
79.3027, 85.4031, 78.0150

Complementary

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



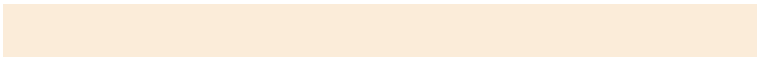
77.3806, 85.4031, 106.1720



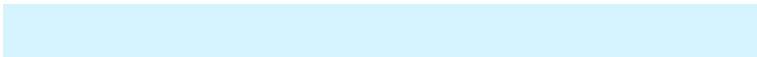
79.5397, 79.1862, 74.0448

Split Complementary

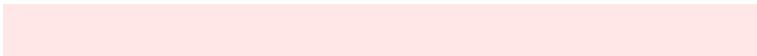
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3147, 85.4031, 77.5052



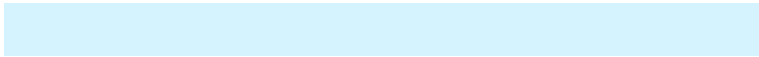
77.3806, 85.4031, 106.1720



86.8374, 85.4031, 87.6950

Square

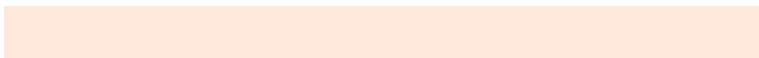
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3806, 85.4031, 106.1720



85.6542, 85.4031, 104.4668



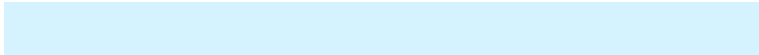
85.0875, 85.4031, 80.9459



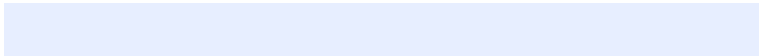
76.8510, 85.4031, 82.3851

Rectangle

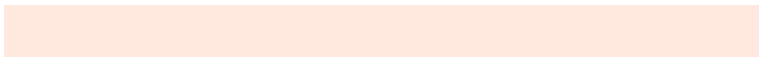
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



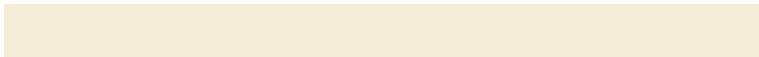
77.3806, 85.4031, 106.1720



82.0711, 85.4031, 110.5467



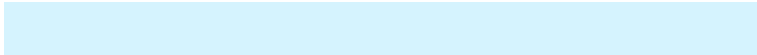
85.0875, 85.4031, 80.9459



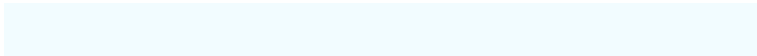
80.2817, 85.4031, 77.3971

Sweetspot

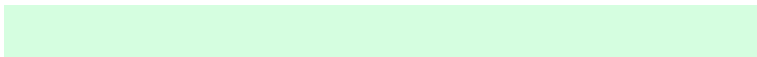
The Sweet Spot groups the original color and five complimentary colors.



77.3831, 85.4066, 106.1739



89.4326, 95.4990, 108.3273



76.3295, 90.4095, 83.9031



18.9789, 20.3087, 23.1696



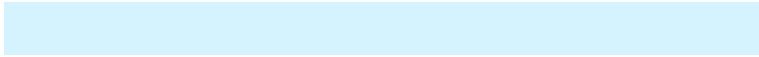
0.0000, 0.0000, 0.0000



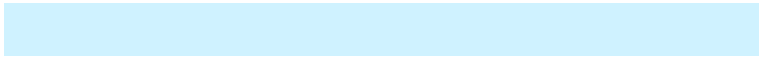
20.3446, 21.4041, 23.3091

Same Dimension

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



77.3831, 85.4066, 106.1739



75.4102, 83.9279, 106.8329



71.6037, 73.8477, 104.2474



18.1186, 19.6087, 23.0799



18.8029, 22.5153, 52.7895



1.9209, 2.3726, 5.1700

Inverse Universe

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



80.8470, 75.1323, 95.0390



79.4717, 72.0790, 93.7324



85.3660, 90.8390, 75.9869



18.5725, 18.2123, 21.6319



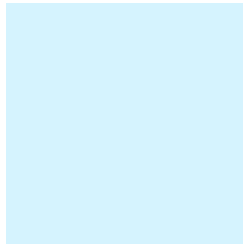
26.2790, 13.0009, 25.9175



2.6042, 1.2841, 2.7632

Previews

White Background



This preview shows how the XYZ color 77.3806, 85.4031, 106.1720 looks on a white background.

Color Contrast Check

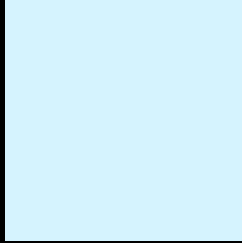
Large Text (above 18pt) WCAG AA × Fail

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 77.3806, 85.4031, 106.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

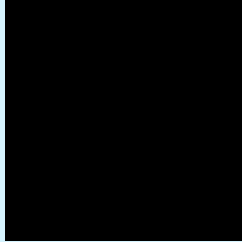
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3806, 85.4031, 106.1720

Background



This preview shows how black text looks on a background with the XYZ color 77.3806, 85.4031, 106.1720.

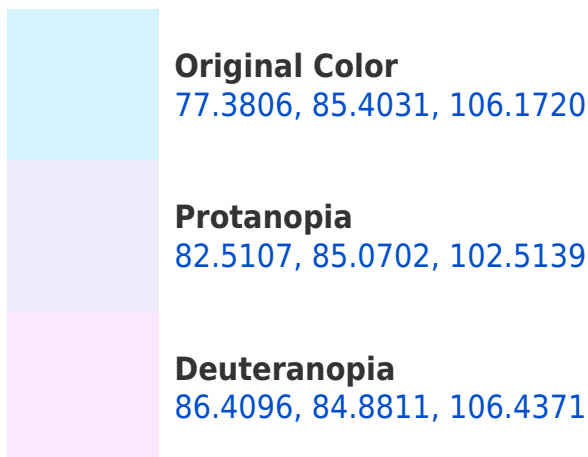


This preview shows how white text looks on a background with the XYZ color 77.3806, 85.4031,

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

79.3241, 85.5027, 106.9306

Trichromacy



Original Color

77.3806, 85.4031, 106.1720

Protanomaly

80.5922, 85.3561, 103.4945

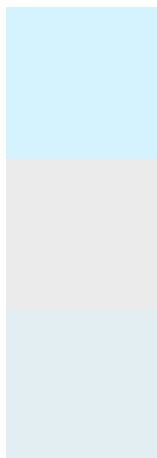
Deuteranomaly

82.6834, 84.6412, 106.5872

Tritanomaly

78.7156, 85.6297, 106.9872

Monochromacy



Original Color

77.3806, 85.4031, 106.1720

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.2801, 83.8908, 96.0711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3806, 85.4031, 106.1720 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(213, 243, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 243, 254)  
}
```

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(213, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 243, 254) }
```

Border

The CSS property to change the border of an element to XYZ 77.3806, 85.4031, 106.1720 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(213, 243, 254) }
```


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

```
.border{ border-color:rgb(213, 243, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 243, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 243,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3806, 85.4031, 106.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 243, 254) }
```

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

```
.background{ background-color: rgb(213,  
243, 254) }
```

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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