

Converting Colors

XYZ(77.2942, 85.8802,
106.8298)

Have a look what the booklet for
XYZ(77.2942, 85.8802, 106.8298)
contains.

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Color

**XYZ(77.2647, 85.7703,
107.0908)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F4FF
RGB	211, 244, 255
RGB Percent	83%, 96%, 100%
CMY	0.1725, 0.0431, 0.0000
CMYK	0.17, 0.04, 0.00, 0.00
HSL	195°, 100%, 91%
HSV	195°, 17%, 100%
XYZ	77.2647, 85.7703, 107.0908
YIQ	235.3870, -23.1990, -3.5750

Conversions

Conversions Part 2

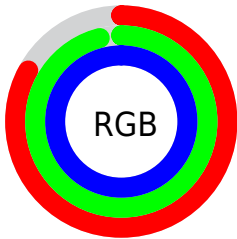
Format	Color
R _Y B	211, 230, 255
Decimal	13890815
CIE Lab	94.21, -8.42, -8.87
CIE LCh	94, 12.230, 226.505
Yxy	85.7703, 0.2860, 0.3175
Android (android.graphics.Color)	4292080895 (0xFFD3F4FF)
YUV	235.3870, 9.6692, -21.3874
Hunter-Lab	92.6123, -13.1522, -3.7305

Details

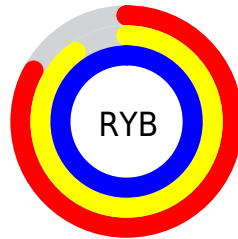
The XYZ color **77.2647, 85.7703, 107.0908** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.1188, 78.2045, 72.5547**, and the grayscale version is **79.2037, 83.3285, 90.7447**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8866, 47.1116, 60.3119** is the 20% darker color. If you saturate the color by 10%, you get **68.6468, 78.5323, 106.1479**, and if you desaturate by 10%, it is **87.1123, 93.7451, 108.1111**.

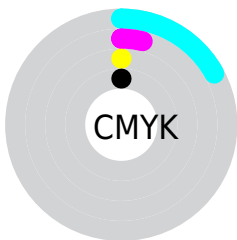
Distribution



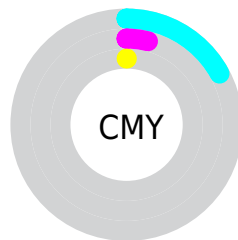
- Red (83%)
- Green (96%)
- Blue (100%)



- Red (83%)
- Yellow (90%)
- Blue (100%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2647, 85.7703, 107.0908 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 77.2647, 85.7703, 107.0908 by changing the saturation by 10% instead.

77.2647, 85.7703,
107.0908

77.2647, 85.7703,
107.0908

474.5442,
514.1735, 604.1348

57.7708, 64.4780,
81.5856

128.4839,
141.4489, 173.0045

41.8670, 47.0380,
60.4902

160.9400,
176.6040, 214.2501

29.1878, 33.0657,
43.3860

198.4475,
217.1489, 261.5797

19.3679, 22.1768,
29.8545

241.3718,
263.4680, 315.4116

12.0420, 13.9868,
19.4770

290.0783,
315.9456, 376.1646

6.8447, 8.1115,
11.8352

344.9323,

3.4106, 4.1664,

374.9661, 444.2571

6.5104

406.2991,
440.9139, 520.1076

■ 1.3745, 1.7671,
3.0841

■ 0.2379, 0.4665,
1.1377

■ 77.2647, 85.7703,
107.0908

■ 77.2647, 85.7703,
107.0908

■ 68.6468, 78.5323,
106.1479

■ 87.1123, 93.7451,
108.1111

■ 61.1966, 71.9915,
105.2781

95.0500, 100.0000,
108.9000

■ 54.8567, 66.1196,
104.4788

■ 49.5623, 60.8820,
103.7469

■ 45.2411, 56.2405,
103.0788

■ 41.8112, 52.1519,
102.4704

■ 39.1766, 48.5655,
101.9170

■ 37.2133, 45.4165,
101.4127

■ 36.7410, 44.6020,
101.2803

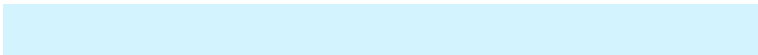
Harmonies

Analogous

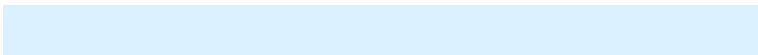
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6330, 85.7703, 98.6065



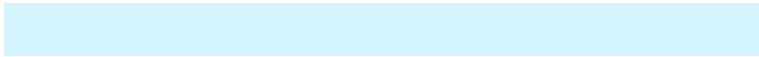
77.2647, 85.7703, 107.0908



80.0616, 85.7703, 112.0440

Triad

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



77.2647, 85.7703, 107.0908



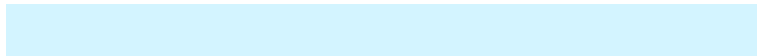
87.7992, 85.7703, 97.6608



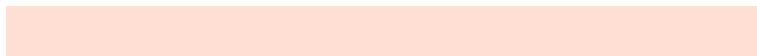
79.7464, 85.7703, 77.1450

Complementary

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



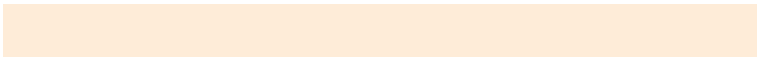
77.2647, 85.7703, 107.0908



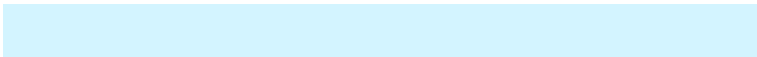
79.1188, 78.2045, 72.5547

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.



83.0003, 85.7703, 76.9293



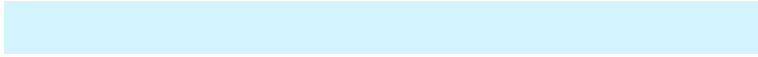
77.2647, 85.7703, 107.0908



87.7093, 85.7703, 88.3594

Square

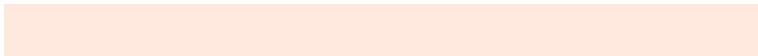
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



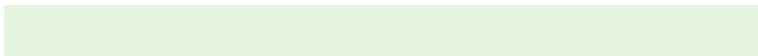
77.2647, 85.7703, 107.0908



86.1755, 85.7703, 106.3587



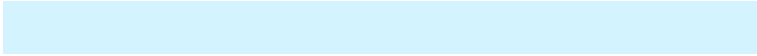
85.9331, 85.7703, 80.9093



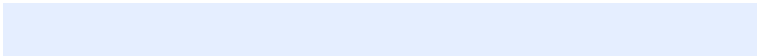
77.0393, 85.7703, 81.5195

Rectangle

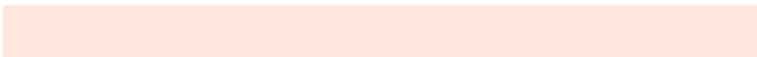
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2647, 85.7703, 107.0908



82.2375, 85.7703, 112.4756



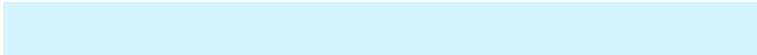
85.9331, 85.7703, 80.9093



80.8109, 85.7703, 76.5943

Sweetspot

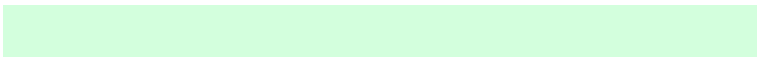
The Sweet Spot groups the original color and five complimentary colors.



77.2670, 85.7737, 107.0913



89.5058, 95.6454, 108.3517



75.7117, 90.6041, 82.0924



18.9967, 20.3444, 23.1756



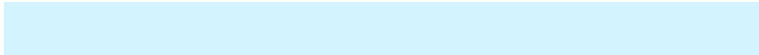
0.0000, 0.0000, 0.0000



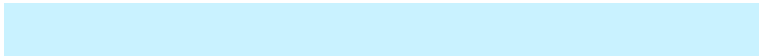
20.3446, 21.4041, 23.3091

Same Dimension

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



77.2670, 85.7737, 107.0913



73.8971, 82.9770, 106.7291



71.2317, 73.7033, 105.0796



18.1479, 19.6674, 23.0896



19.3227, 23.5550, 52.9627



1.9679, 2.4665, 5.1856

Inverse Universe

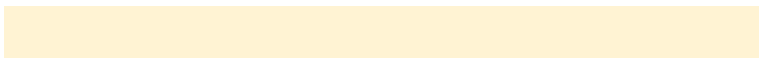
The Inverse Universe completely reimagines the original color for something new.



80.8648, 74.3818, 95.6871



78.2014, 69.6313, 93.0224



85.1289, 90.2246, 74.5581



18.5873, 18.2182, 21.7098



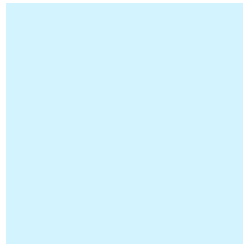
26.5414, 13.1059, 27.2992



2.6279, 1.2935, 2.8879

Previews

White Background



This preview shows how the XYZ color 77.2647, 85.7703, 107.0908 looks on a white background.

Color Contrast Check

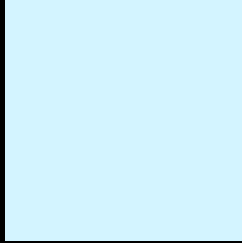
Large Text (above 18pt) WCAG AA × Fail

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 77.2647, 85.7703, 107.0908 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 77.2647, 85.7703, 107.0908

Background



This preview shows how black text looks on a background with the XYZ color 77.2647, 85.7703, 107.0908.

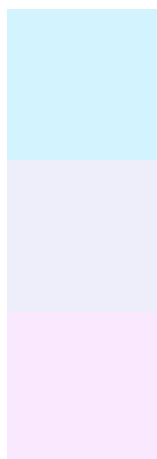


This preview shows how white text looks on a background with the XYZ color 77.2647, 85.7703,

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

77.2647, 85.7703, 107.0908

Protanopia

82.7994, 85.6476, 102.6101

Deuteranopia

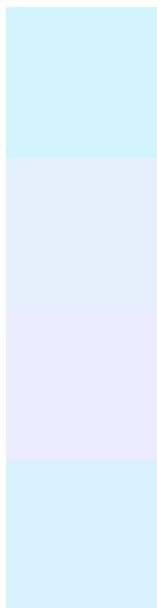
86.3310, 85.2572, 106.5139



Tritanopia

79.3241, 85.5027, 106.9306

Trichromacy



Original Color

77.2647, 85.7703, 107.0908

Protanomaly

80.7257, 85.8424, 104.4100

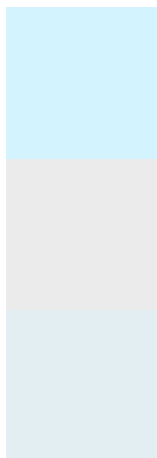
Deuteranomaly

82.6375, 85.0438, 106.6674

Tritanomaly

78.4174, 85.4760, 106.9732

Monochromacy



Original Color

77.2647, 85.7703, 107.0908

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.9656, 83.7286, 96.0564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2647, 85.7703, 107.0908 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(211, 244, 255) looks like.

```
.text, #text, p{  
    color:rgb(211, 244, 255)  
}
```

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(211, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.2647, 85.7703, 107.0908 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(211, 244, 255) }
```


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

```
.border{ border-color:rgb(211, 244, 255) }
```

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

Here you see how a box with a 4 pixel rgb(211, 244, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2647, 85.7703, 107.0908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 244, 255) }
```

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

```
.background{ background-color: rgb(211,  
244, 255) }
```

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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