

Converting Colors

XYZ(77.0466, 85.7496,
102.9330)

Have a look what the booklet for
XYZ(77.0466, 85.7496, 102.9330)
contains.

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Color

**XYZ(77.0466, 85.7496,
102.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F4FA
RGB	213, 244, 250
RGB Percent	84%, 96%, 98%
CMY	0.1647, 0.0431, 0.0196
CMYK	0.15, 0.02, 0.00, 0.02
HSL	190°, 79%, 91%
HSV	190°, 15%, 98%
XYZ	77.0466, 85.7496, 102.9330
YIQ	235.4150, -20.4020, -4.7060

Conversions

Conversions Part 2

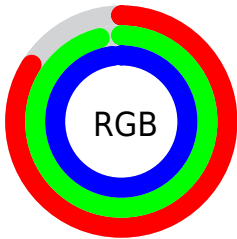
Format	Color
R _Y B	213, 230, 250
Decimal	14021882
CIE Lab	94.21, -8.82, -6.28
CIE LCh	94, 10.827, 215.452
Yxy	85.7496, 0.2899, 0.3227
Android (android.graphics.Color)	4292211962 (0xFFD5F4FA)
YUV	235.4150, 7.1904, -19.6580
Hunter-Lab	92.6011, -13.5351, -1.0845

Details

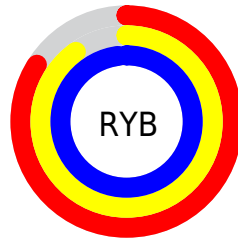
The XYZ color **77.0466, 85.7496, 102.9330** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.7668, 75.7911, 73.5356**, and the grayscale version is **79.2419, 83.3687, 90.7885**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8214, 47.1306, 57.9318** is the 20% darker color. If you saturate the color by 10%, you get **69.1415, 79.8865, 102.2193**, and if you desaturate by 10%, it is **86.1013, 92.2497, 103.7118**.

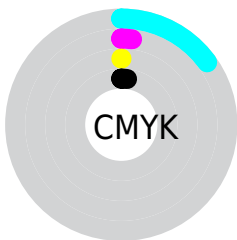
Distribution



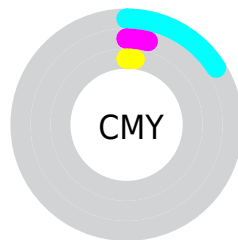
- Red (84%)
- Green (96%)
- Blue (98%)



- Red (84%)
- Yellow (90%)
- Blue (98%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0466, 85.7496, 102.9330 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 77.0466, 85.7496, 102.9330 by changing the saturation by 10% instead.

77.0466, 85.7496,
102.9330

77.0466, 85.7496,
102.9330

473.8124,
514.1052, 590.8826

57.5912, 64.4609,
78.1218

128.1778,
141.4200, 167.2689

41.7221, 47.0241,
57.6570

160.5842,
176.5705, 207.6307

29.0739, 33.0547,
41.1201

198.0384,
217.1105, 254.0130

19.2813, 22.1684,
28.0925

240.9056,
263.4242, 306.8345

11.9789, 13.9807,
18.1558

289.5513,
315.8962, 366.5137

6.8014, 8.1072,
10.8913

344.3407,

3.3834, 4.1636,

374.9107, 433.4690

5.8805

405.6393,
440.8523, 508.1192

■ 1.3596, 1.7655,
2.7050

■ 0.2272, 0.4655,
0.9459

■ 77.0466, 85.7496,
102.9330

■ 77.0466, 85.7496,
102.9330

■ 69.1415, 79.8865,
102.2193

■ 86.1013, 92.2497,
103.7118

■ 62.3273, 74.6231,
101.5625

■ 93.3402, 97.8514,
104.4115

■ 56.5514, 69.9342,
100.9619

■ 94.2556, 99.6822,
104.7166

■ 51.7536, 65.7885,
100.4146

■ 47.8676, 62.1517,
99.9174

■ 44.8185, 58.9849,
99.4669

■ 42.5192, 56.2428,
99.0588

■ 40.8627, 53.8701,
98.6881

■ 40.1747, 52.7405,
98.5063

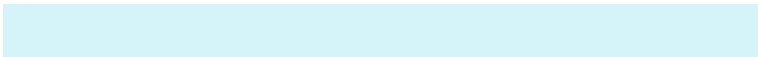
Harmonies

Analogous

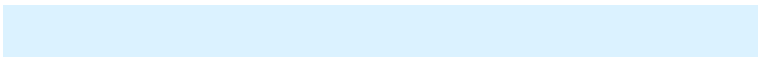
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0798, 85.7496, 94.8912



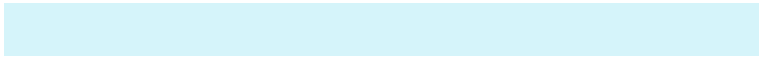
77.0466, 85.7496, 102.9330



79.2090, 85.7496, 108.6494

Triad

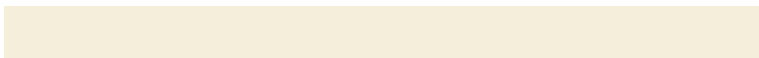
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0466, 85.7496, 102.9330



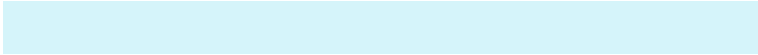
86.6773, 85.7496, 100.1557



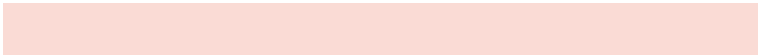
80.9741, 85.7496, 78.3632

Complementary

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



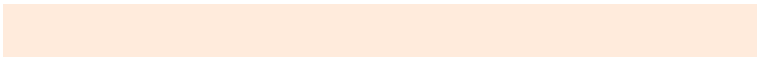
77.0466, 85.7496, 102.9330



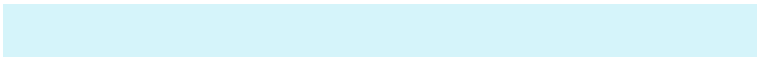
76.7668, 75.7911, 73.5356

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.



83.8397, 85.7496, 79.5889



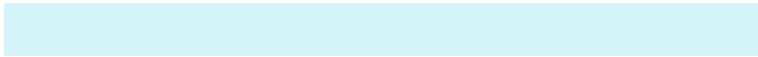
77.0466, 85.7496, 102.9330



87.1768, 85.7496, 91.8587

Square

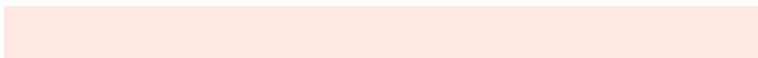
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0466, 85.7496, 102.9330



84.7776, 85.7496, 106.9806



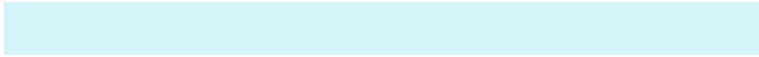
86.1268, 85.7496, 84.4123



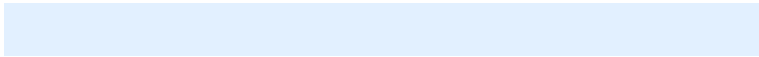
78.3127, 85.7496, 80.9598

Rectangle

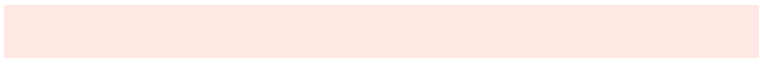
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0466, 85.7496, 102.9330



81.0613, 85.7496, 110.1971



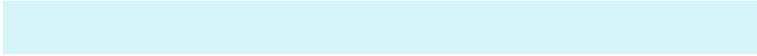
86.1268, 85.7496, 84.4123



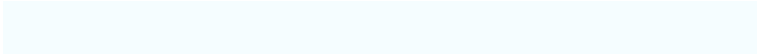
81.9452, 85.7496, 78.3437

Sweetspot

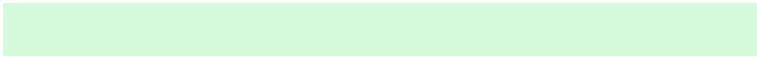
The Sweet Spot groups the original color and five complimentary colors.



77.0491, 85.7532, 102.9349



90.8713, 97.0663, 108.5540



74.3548, 87.6097, 79.7008



19.2868, 20.6607, 23.2213



0.0000, 0.0000, 0.0000



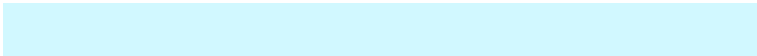
20.3446, 21.4041, 23.3091

Same Dimension

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



77.0491, 85.7532, 102.9349



77.8053, 87.6550, 107.4261



71.8803, 75.4155, 101.2120



17.5123, 19.1013, 22.1492



21.3995, 28.1546, 52.2801



2.0438, 2.7314, 4.8627

Inverse Universe

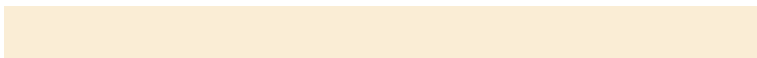
The Inverse Universe completely reimagines the original color for something new.



79.5497, 74.4460, 95.7688



80.9402, 73.6601, 98.4019



81.7347, 85.7270, 75.1916



17.8651, 17.4734, 21.1454



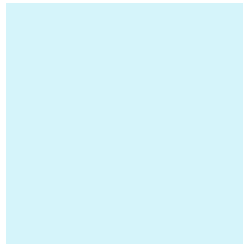
27.0935, 13.2531, 33.5305



2.5406, 1.2400, 3.2700

Previews

White Background



This preview shows how the XYZ color 77.0466, 85.7496, 102.9330 looks on a white background.

Color Contrast Check

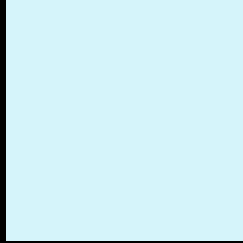
Large Text (above 18pt) WCAG AA × Fail

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 77.0466, 85.7496, 102.9330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

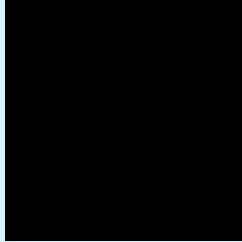
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0466, 85.7496, 102.9330

Background



This preview shows how black text looks on a background with the XYZ color 77.0466, 85.7496, 102.9330.



This preview shows how white text looks on a background with the XYZ color 77.0466, 85.7496,

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

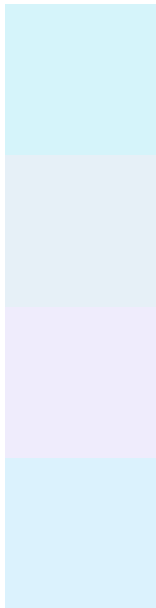




Tritanopia

79.6295, 85.6602, 106.9449

Trichromacy



Original Color

77.0466, 85.7496, 102.9330

Protanomaly

80.5817, 85.8586, 100.3209

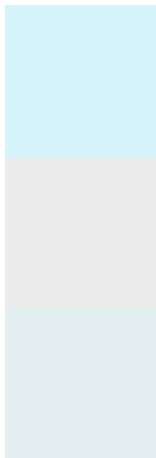
Deuteranomaly

83.1627, 85.3699, 104.1904

Tritanomaly

78.6952, 85.6562, 105.3141

Monochromacy



Original Color

77.0466, 85.7496, 102.9330

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.9813, 83.7712, 94.4975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0466, 85.7496, 102.9330 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, 244, 250)` looks like.

```
.text, #text, p{  
    color:rgb(213, 244, 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(213, 244, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 244, 250) }
```

Border

The CSS property to change the border of an element to XYZ 77.0466, 85.7496, 102.9330 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, 244, 250) }
```


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

```
.border{ border-color:rgb(213, 244, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 244, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 244, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 244, 250);  
box-shadow:4px 4px 4px 4px rgb(213, 244,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0466, 85.7496, 102.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 244, 250) }
```

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

```
.background{ background-color: rgb(213,  
244, 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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