

Converting Colors

XYZ(75.8646, 89.0843,
106.3493)

Have a look what the booklet for
XYZ(75.8646, 89.0843, 106.3493)
contains.

| | |
|--|----|
| XYZ(75.8809, 89.2127, 106.1489) | 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(75.8809, 89.2127,
106.1489)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C5FDFD |
| RGB | 197, 253, 253 |
| RGB Percent | 77%, 99%, 99% |
| CMY | 0.2274, 0.0078, 0.0078 |
| CMYK | 0.22, 0.00, 0.00, 0.01 |
| HSL | 180°, 93%, 88% |
| HSV | 180°, 22%, 99% |
| XYZ | 75.8809, 89.2127, 106.1489 |
| YIQ | 236.2560, -33.3760, -11.8720 |

Conversions

Conversions Part 2

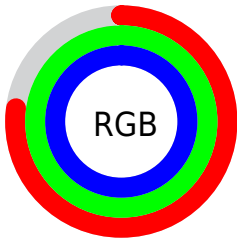
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 197, 225, 253 |
| Decimal | 12975613 |
| CIE Lab | 95.67, -17.49, -5.78 |
| CIE LCh | 96, 18.423, 198.280 |
| Yxy | 89.2127, 0.2798, 0.3289 |
| Android (android.graphics.Color) | 4291165693 (0xFFC5FDFD) |
| YUV | 236.2560, 8.2548, -34.4275 |
| Hunter-Lab | 94.4525, -21.8891, -0.5154 |

Details

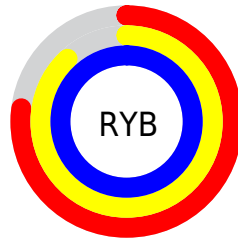
The XYZ color **75.8809, 89.2127, 106.1489** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.5555, 64.8490, 61.6256**, and the grayscale version is **79.8841, 84.0443, 91.5242**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8591, 49.2162, 59.5707** is the 20% darker color. If you saturate the color by 10%, you get **69.8046, 86.0826, 105.8652**, and if you desaturate by 10%, it is **83.0742, 92.9233, 106.4886**.

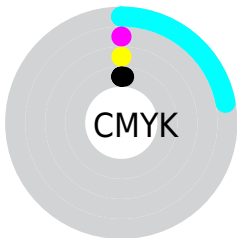
Distribution



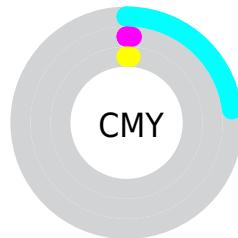
- Red (77%)
- Green (99%)
- Blue (99%)



- Red (77%)
- Yellow (88%)
- Blue (99%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8809, 89.2127, 106.1489 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 75.8809, 89.2127, 106.1489 by changing the saturation by 10% instead.

75.8809, 89.2127,
106.1489

75.8809, 89.2127,
106.1489

469.8906,
525.4665, 601.1461

56.6316, 67.3278,
80.8002

126.5398,
146.2443, 171.7071

40.9485, 49.3511,
59.8470

158.6801,
182.1599, 212.7537

28.4663, 34.8981,
42.8708

195.8480,
223.5211, 259.8700

18.8197, 23.5844,
29.4531

238.4090,
270.7124, 313.4746

11.6433, 15.0256,
19.1754

286.7284,
324.1182, 373.9859

6.5718, 8.8374,
11.6190

341.1716,

3.2397, 4.6352,

384.1229, 441.8226

6.3654

402.1038,
451.1109, 517.4031

■ 1.2817, 2.0349,
2.9962

■ 0.1695, 0.6276,
1.0927

■ 75.8809, 89.2127,
106.1489

■ 75.8809, 89.2127,
106.1489

■ 69.8046, 86.0826,
105.8652

■ 83.0742, 92.9233,
106.4886

■ 64.7819, 83.4933,
105.6290

■ 91.4284, 97.2300,
106.8808

■ 60.7554, 81.4176,
105.4394

■ 94.0974, 98.6059,
107.0069

■ 57.6588, 79.8213,
105.2933

■ 94.0976, 98.6060,
107.0081

■ 55.4176, 78.6659,
105.1872

■ 94.0979, 98.6061,
107.0093

■ 53.9464, 77.9075,
105.1171

■ 94.0981, 98.6061,
107.0105

■ 53.1416, 77.4926,
105.0783

■ 94.0983, 98.6062,
107.0117

■ 52.8549, 77.3449,
105.0639

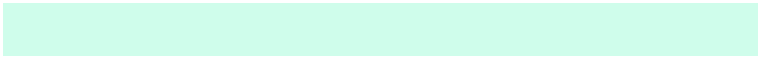
■ 94.0985, 98.6063,
107.0129

■ 94.0988, 98.6064,
107.0141

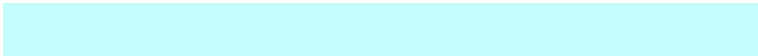
Harmonies

Analogous

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



75.6134, 89.2127, 91.5828



75.8809, 89.2127, 106.1489



78.4782, 89.2127, 119.4724

Triad

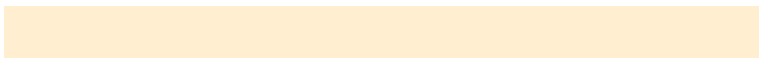
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8809, 89.2127, 106.1489



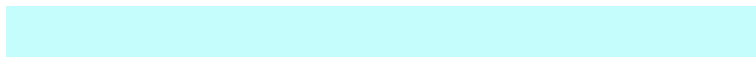
92.2709, 89.2127, 116.9008



86.7871, 89.2127, 72.3127

Complementary

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



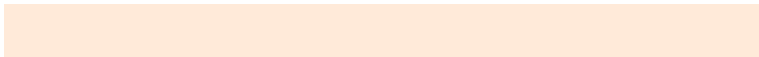
75.8809, 89.2127, 106.1489



70.5555, 64.8490, 61.6256

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.



91.4399, 89.2127, 77.7755



75.8809, 89.2127, 106.1489



94.6891, 89.2127, 102.9123

Square

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



75.8809, 89.2127, 106.1489



87.8848, 89.2127, 126.0930



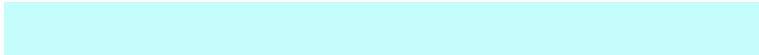
94.3791, 89.2127, 88.6510



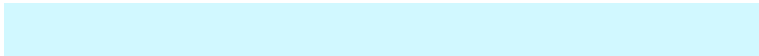
81.7766, 89.2127, 72.9932

Rectangle

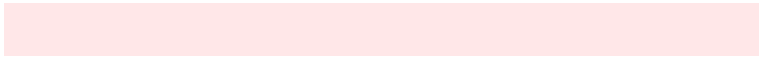
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8809, 89.2127, 106.1489



81.2417, 89.2127, 125.4130



94.3791, 89.2127, 88.6510



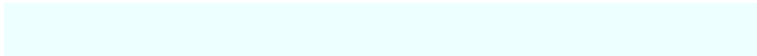
88.4484, 89.2127, 73.4674

Sweetspot

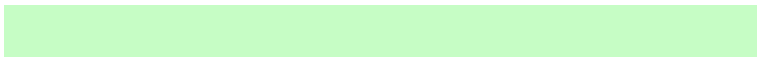
The Sweet Spot groups the original color and five complimentary colors.



75.8835, 89.2163, 106.1509



88.7850, 96.7703, 108.6060



68.4772, 86.2821, 65.8702



18.8940, 20.6563, 23.2410



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

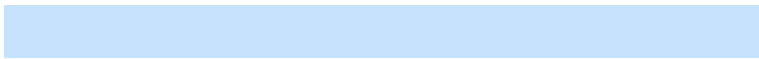
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8835, 89.2163, 106.1509



74.0955, 89.1977, 107.9161



67.9365, 73.3216, 103.5044



18.5549, 20.4815, 23.2251



28.1157, 41.1429, 55.8879



2.7375, 4.0059, 5.4417

Inverse Universe

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



70.5555, 64.8490, 61.6256



67.7098, 59.9928, 54.5513



77.2628, 78.2642, 63.8595



18.0095, 17.9871, 18.6672



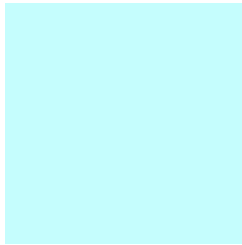
21.5488, 11.1088, 1.0088



2.0981, 1.0816, 0.0983

Previews

White Background



This preview shows how the XYZ color 75.8809, 89.2127, 106.1489 looks on a white background.

Color Contrast Check

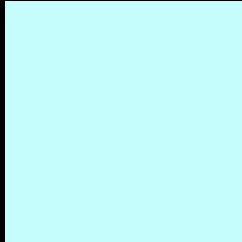
Large Text (above 18pt) WCAG AA × Fail

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 75.8809, 89.2127, 106.1489 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 75.8809, 89.2127, 106.1489

Background



This preview shows how black text looks on a background with the XYZ color 75.8809, 89.2127, 106.1489.

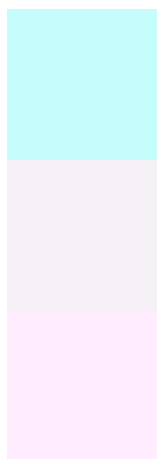


This preview shows how white text looks on a background with the XYZ color 75.8809, 89.2127,

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

75.8809, 89.2127, 106.1489

Protanopia

85.7460, 88.9769, 99.8437

Deuteranopia

89.1248, 88.4067, 106.1327



Tritanopia

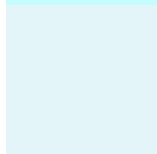
82.0571, 89.1391, 107.4884

Trichromacy



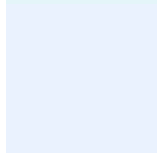
Original Color

75.8809, 89.2127, 106.1489



Protanomaly

81.7462, 88.6383, 102.4230



Deuteranomaly

83.5732, 88.1524, 106.3763



Tritanomaly

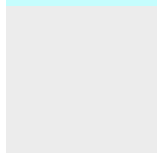
79.7894, 89.3542, 106.8077

Monochromacy



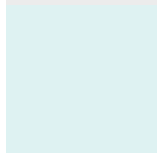
Original Color

75.8809, 89.2127, 106.1489



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.9033, 85.4447, 96.3909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8809, 89.2127, 106.1489 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(197, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(197, 253, 253)  
}
```

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(197, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 253, 253) }
```

Border

The CSS property to change the border of an element to XYZ 75.8809, 89.2127, 106.1489 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(197, 253, 253) }
```


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

```
.border{ border-color:rgb(197, 253, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(197, 253,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8809, 89.2127, 106.1489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 253, 253) }
```

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

```
.background{ background-color: rgb(197,  
253, 253) }
```

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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