

Converting Colors

XYZ(79.4500, 89.7085,
106.7559)

Have a look what the booklet for
XYZ(79.4500, 89.7085, 106.7559)
contains.

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Color

**XYZ(79.5156, 89.6731,
106.8837)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FAFE
RGB	213, 250, 254
RGB Percent	84%, 98%, 100%
CMY	0.1647, 0.0196, 0.0039
CMYK	0.16, 0.02, 0.00, 0.00
HSL	186°, 95%, 92%
HSV	186°, 16%, 100%
XYZ	79.5156, 89.6731, 106.8837
YIQ	239.3930, -23.3360, -6.6000

Conversions

Conversions Part 2

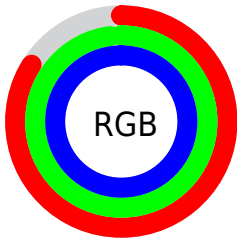
Format	Color
R _Y B	213, 232, 254
Decimal	14023422
CIE Lab	95.86, -11.03, -5.90
CIE LCh	96, 12.510, 208.163
Yxy	89.6731, 0.2880, 0.3248
Android (android.graphics.Color)	4292213502 (0xFFD5FAFE)
YUV	239.3930, 7.2013, -23.1467
Hunter-Lab	94.6959, -15.8323, -0.6338

Details

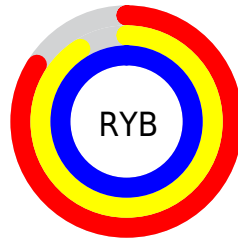
The XYZ color **79.5156, 89.6731, 106.8837** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.6969, 75.5007, 73.4305**, and the grayscale version is **82.3111, 86.5976, 94.3048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4704, 49.8839, 60.1607** is the 20% darker color. If you saturate the color by 10%, you get **71.9537, 84.6424, 106.3127**, and if you desaturate by 10%, it is **88.2467, 95.3262, 107.5161**.

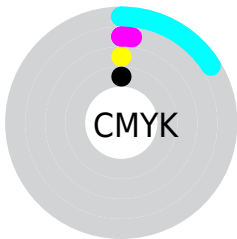
Distribution



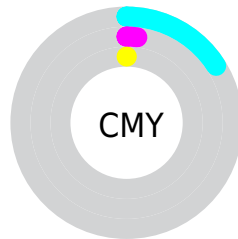
- Red (84%)
- Green (98%)
- Blue (100%)



- Red (84%)
- Yellow (91%)
- Blue (100%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5156, 89.6731, 106.8837 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 79.5156, 89.6731, 106.8837 by changing the saturation by 10% instead.

79.5156, 89.6731,
106.8837

79.5156, 89.6731,
106.8837

482.0603,
526.9669, 603.4783

59.6269, 67.7095,
81.4129

131.6386,
146.8842, 172.7193

43.3663, 49.6615,
60.3487

164.6036,
182.9006, 213.9213

30.3684, 35.1445,
43.2726

202.6581,
224.3700, 261.2040

20.2678, 23.7742,
29.7661

246.1674,
271.6769, 314.9860

12.6993, 15.1662,
19.4106

295.4970,
325.2056, 375.6859

7.2974, 8.9361,
11.7875

351.0120,

3.6967, 4.6995,

385.3406, 443.7223

6.4784

413.0780,
452.4662, 519.5135

■ 1.5320, 2.0721,
3.0646

■ 0.3475, 0.6488,
1.1277

■ 79.5156, 89.6731,
106.8837

■ 79.5156, 89.6731,
106.8837

■ 71.9537, 84.6424,
106.3127

■ 88.2467, 95.3262,
107.5161

■ 65.4996, 80.1954,
105.7945

94.8760, 99.9086,
108.0512

■ 60.0980, 76.3059,
105.3284

94.8897, 99.9359,
108.0557

■ 55.6858, 72.9412,
104.9115

■ 52.1931, 70.0653,
104.5405

■ 49.5407, 67.6374,
104.2117

■ 47.6361, 65.6096,
103.9206

■ 46.3640, 63.9225,
103.6620

■ 45.9759, 63.3283,
103.5678

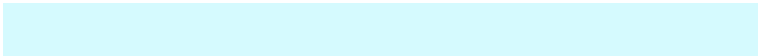
Harmonies

Analogous

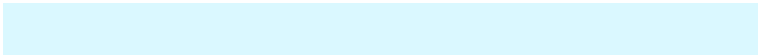
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7713, 89.6731, 97.0310



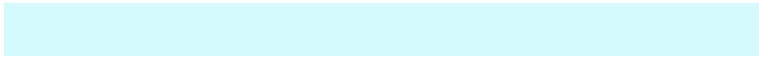
79.5156, 89.6731, 106.8837



81.7797, 89.6731, 114.6859

Triad

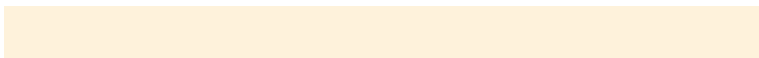
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5156, 89.6731, 106.8837



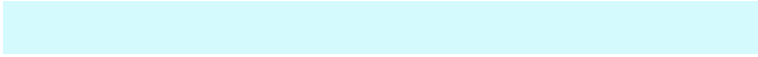
90.9928, 89.6731, 108.0081



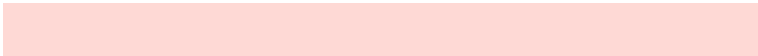
85.4444, 89.6731, 79.8532

Complementary

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



79.5156, 89.6731, 106.8837



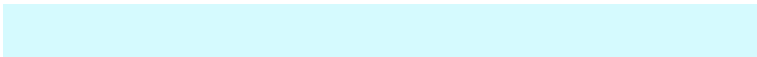
77.6969, 75.5007, 73.4305

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.



88.7793, 89.6731, 82.3705



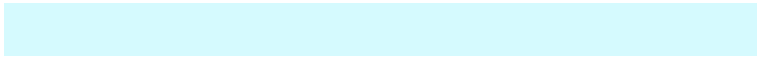
79.5156, 89.6731, 106.8837



92.0358, 89.6731, 98.2491

Square

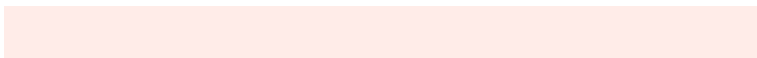
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5156, 89.6731, 106.8837



88.4013, 89.6731, 115.3653



91.2152, 89.6731, 88.9429



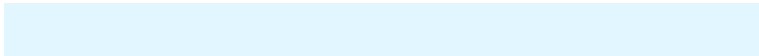
82.1386, 89.6731, 81.8280

Rectangle

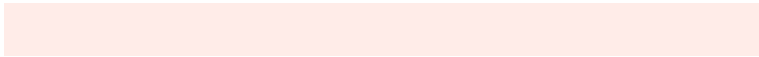
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5156, 89.6731, 106.8837



83.8780, 89.6731, 117.4401



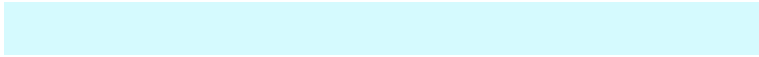
91.2152, 89.6731, 88.9429



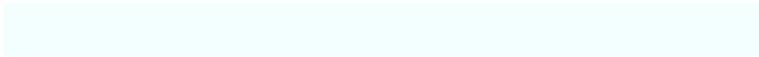
86.5997, 89.6731, 80.1985

Sweetspot

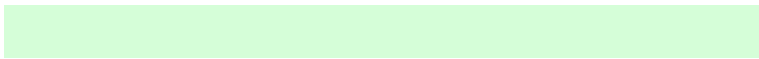
The Sweet Spot groups the original color and five complimentary colors.



79.5182, 89.6768, 106.8857



90.1186, 96.8711, 108.5560



75.3326, 90.0108, 78.6536



19.1461, 20.6431, 23.2254



0.0000, 0.0000, 0.0000



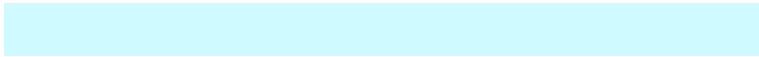
20.3446, 21.4041, 23.3091

Same Dimension

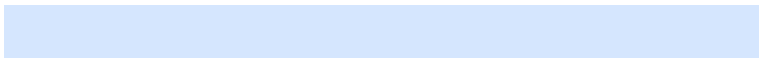
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5182, 89.6768, 106.8857



77.9283, 88.9642, 107.6723



73.6516, 77.9437, 104.9302



18.3946, 20.1608, 23.1719



24.2998, 33.5092, 54.6218



2.4081, 3.3468, 5.3324

Inverse Universe

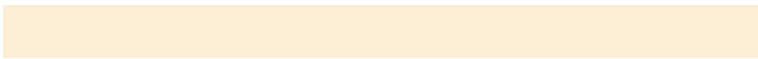
The Inverse Universe completely reimagines the original color for something new.



81.9247, 75.5634, 100.7140



80.7428, 72.5874, 100.4256



83.1449, 86.3967, 75.2465



18.7118, 18.2680, 22.3656



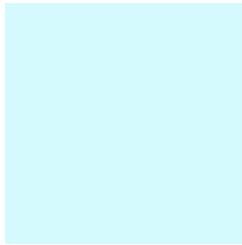
29.0536, 14.1107, 40.5284



2.8501, 1.3824, 4.0579

Previews

White Background



This preview shows how the XYZ color 79.5156, 89.6731, 106.8837 looks on a white background.

Color Contrast Check

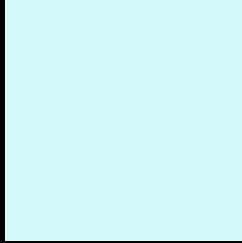
Large Text (above 18pt) WCAG AA × Fail

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 79.5156, 89.6731, 106.8837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

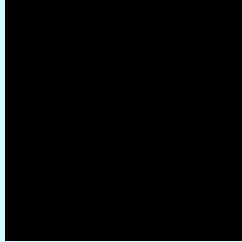
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5156, 89.6731, 106.8837

Background



This preview shows how black text looks on a background with the XYZ color 79.5156, 89.6731, 106.8837.

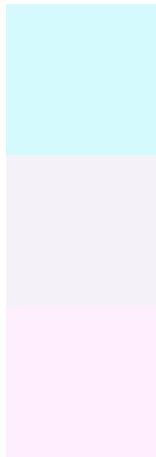


This preview shows how white text looks on a background with the XYZ color 79.5156, 89.6731,

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

79.5156, 89.6731, 106.8837

Protanopia

86.2104, 89.1626, 102.2889

Deuteranopia

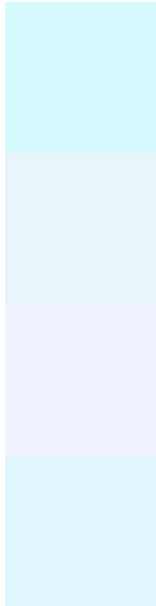
89.5442, 89.5009, 105.4844



Tritanopia

83.3355, 89.3478, 107.4613

Trichromacy



Original Color

79.5156, 89.6731, 106.8837

Protanomaly

83.3675, 88.9900, 104.0496

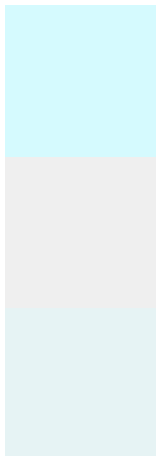
Deuteranomaly

85.4169, 89.1214, 105.6287

Tritanomaly

82.0512, 89.5888, 107.5756

Monochromacy



Original Color

79.5156, 89.6731, 106.8837

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.0129, 87.4558, 98.1988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5156, 89.6731, 106.8837 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, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 250, 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, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 250, 254) }
```

Border

The CSS property to change the border of an element to XYZ 79.5156, 89.6731, 106.8837 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, 250, 254) }
```


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

```
.border{ border-color:rgb(213, 250, 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, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 250,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5156, 89.6731, 106.8837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 250, 254) }
```

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

```
.background{ background-color: rgb(213,  
250, 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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