

Converting Colors

XYZ(82.8266, 91.0066,
123.9696)

Have a look what the booklet for
XYZ(82.8266, 91.0066, 123.9696)
contains.

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Color

**XYZ(79.6762, 89.7373,
107.7294)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FAFF
RGB	213, 250, 255
RGB Percent	84%, 98%, 100%
CMY	0.1647, 0.0196, 0.0000
CMYK	0.16, 0.02, 0.00, 0.00
HSL	187°, 100%, 92%
HSV	187°, 16%, 100%
XYZ	79.6762, 89.7373, 107.7294
YIQ	239.5070, -23.6570, -6.2890

Conversions

Conversions Part 2

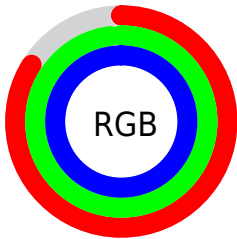
Format	Color
R _{YB}	213, 233, 255
Decimal	14023423
CIE Lab	95.89, -10.83, -6.38
CIE LCh	96, 12.568, 210.515
Yxy	89.7373, 0.2875, 0.3238
Android (android.graphics.Color)	4292213503 (0xFFD5FAFF)
YUV	239.5070, 7.6380, -23.2466
Hunter-Lab	94.7298, -15.6427, -1.1154

Details

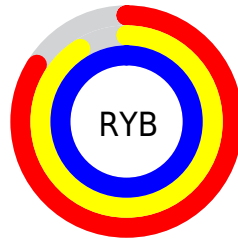
The XYZ color **79.6762, 89.7373, 107.7294** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.3214, 76.2058, 73.5338**, and the grayscale version is **82.3967, 86.6877, 94.4029**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5854, 49.9299, 60.7663** is the 20% darker color. If you saturate the color by 10%, you get **71.9190, 84.3528, 107.0989**, and if you desaturate by 10%, it is **88.6162, 95.7588, 108.4205**.

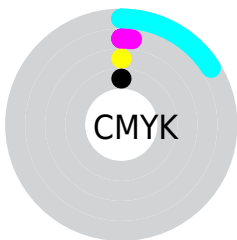
Distribution



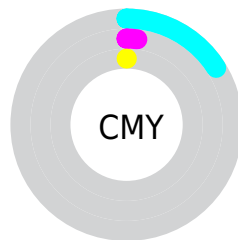
- Red (84%)
- Green (98%)
- Blue (100%)



- 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 79.6762, 89.7373, 107.7294 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 79.6762, 89.7373, 107.7294 by changing the saturation by 10% instead.

79.6762, 89.7373,
107.7294

79.6762, 89.7373,
107.7294

482.5941,
527.1759, 606.1568

59.7595, 67.7628,
82.1184

131.8633,
146.9734, 173.8835

43.4735, 49.7048,
60.9268

164.8644,
183.0038, 215.2636

30.4530, 35.1789,
43.7359

202.9577,
224.4883, 262.7373

20.3324, 23.8007,
30.1273

246.5085,
271.8113, 316.7230

12.7466, 15.1858,
19.6823

295.8822,
325.3572, 377.6392

7.3301, 8.9499,
11.9826

351.4441,

3.7175, 4.7085,

385.5103, 445.9046

6.6094

413.5596,
452.6551, 521.9376

■ 1.5436, 2.0773,
3.1443

■ 0.3552, 0.6518,
1.1688

■ 79.6762, 89.7373,
107.7294

■ 79.6762, 89.7373,
107.7294

■ 71.9190, 84.3528,
107.0989

■ 88.6162, 95.7588,
108.4205

■ 65.2833, 79.5666,
106.5248

95.0500, 100.0000,
108.9000

■ 59.7128, 75.3517,
106.0049

■ 55.1437, 71.6752,
105.5361

■ 51.5049, 68.5005,
105.1151

■ 48.7162, 65.7859,
104.7381

■ 46.6835, 63.4830,
104.4007

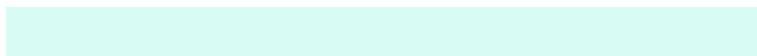
■ 45.2890, 61.5308,
104.0974

■ 44.8865, 60.8930,
103.9955

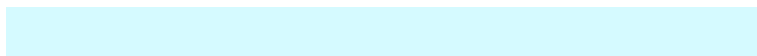
Harmonies

Analogous

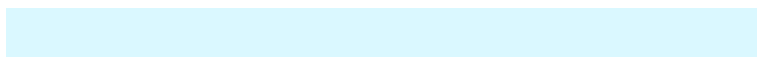
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7972, 89.7373, 97.8804



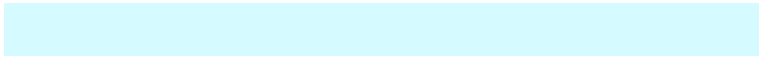
79.6762, 89.7373, 107.7294



82.0526, 89.7373, 115.2923

Triad

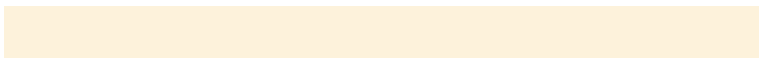
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6762, 89.7373, 107.7294



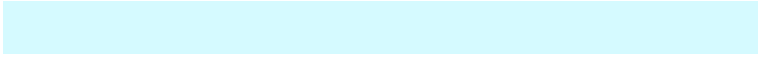
91.2296, 89.7373, 107.4125



85.2327, 89.7373, 79.8300

Complementary

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



79.6762, 89.7373, 107.7294



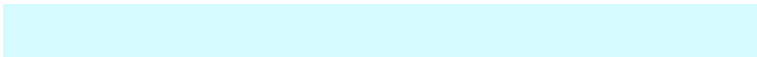
78.3214, 76.2058, 73.5338

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.



88.6168, 89.7373, 82.0104



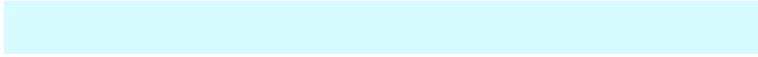
79.6762, 89.7373, 107.7294



92.1355, 89.7373, 97.5372

Square

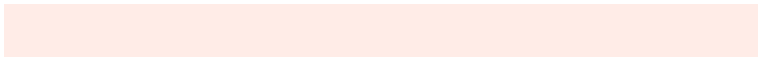
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6762, 89.7373, 107.7294



88.7233, 89.7373, 115.1008



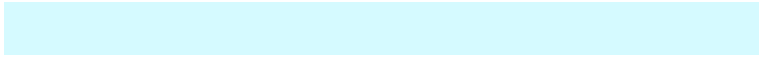
91.1669, 89.7373, 88.3294



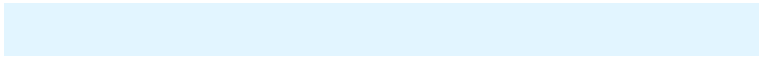
81.9515, 89.7373, 82.1632

Rectangle

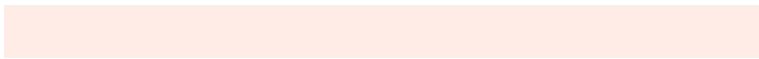
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6762, 89.7373, 107.7294



84.1985, 89.7373, 117.7803



91.1669, 89.7373, 88.3294



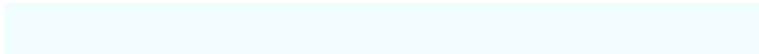
86.3962, 89.7373, 80.0577

Sweetspot

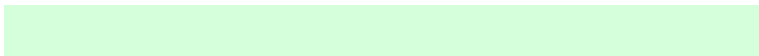
The Sweet Spot groups the original color and five complimentary colors.



79.6785, 89.7409, 107.7300



90.0320, 96.6978, 108.5271



75.8435, 90.7234, 79.7767



19.1249, 20.6008, 23.2183



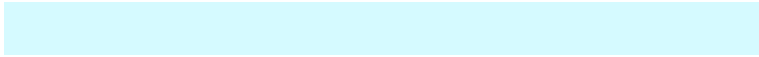
0.0000, 0.0000, 0.0000



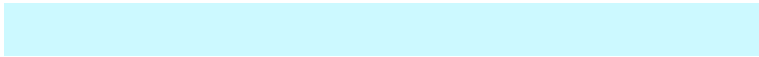
20.3446, 21.4041, 23.3091

Same Dimension

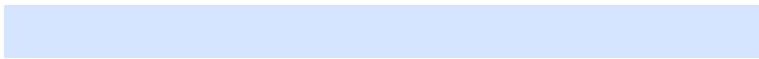
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6785, 89.7409, 107.7300



76.8072, 87.7681, 107.5005



73.5388, 77.4614, 105.6834



18.3596, 20.0908, 23.1602



23.5273, 31.9642, 54.3643



2.3406, 3.2120, 5.3099

Inverse Universe

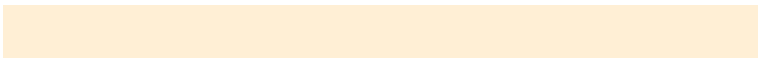
The Inverse Universe completely reimagines the original color for something new.



82.2910, 75.7523, 100.7311



79.9215, 71.2812, 99.1152



84.0881, 87.7393, 75.4561



18.6942, 18.2610, 22.2725



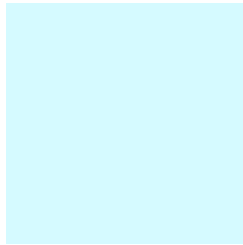
28.6637, 13.9548, 38.4751



2.8161, 1.3688, 3.8787

Previews

White Background



This preview shows how the XYZ color 79.6762, 89.7373, 107.7294 looks on a white background.

Color Contrast Check

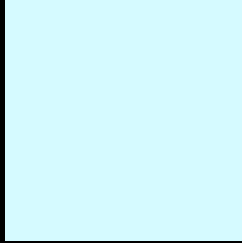
Large Text (above 18pt) WCAG AA × Fail

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 79.6762, 89.7373, 107.7294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

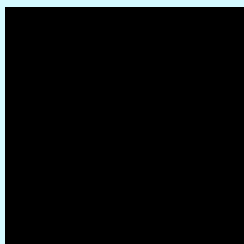
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6762, 89.7373, 107.7294

Background



This preview shows how black text looks on a background with the XYZ color 79.6762, 89.7373, 107.7294.



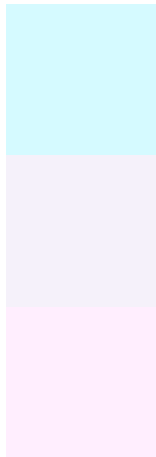
This preview shows how white text looks on a background with the XYZ color 79.6762, 89.7373,

107.7294.

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

79.6762, 89.7373, 107.7294

Protanopia

86.3668, 89.2252, 103.1126

Deuteranopia

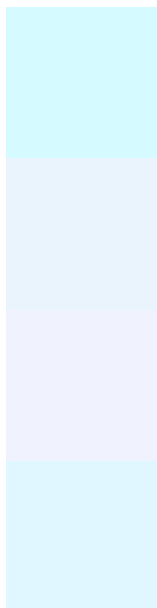
89.7039, 89.5648, 106.3258



Tritanopia

83.3355, 89.3478, 107.4613

Trichromacy



Original Color

79.6762, 89.7373, 107.7294

Protanomaly

83.5256, 89.0533, 104.8822

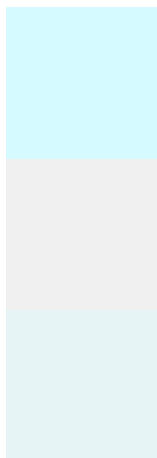
Deuteranomaly

85.5767, 89.1853, 106.4700

Tritanomaly

82.0512, 89.5888, 107.5756

Monochromacy



Original Color

79.6762, 89.7373, 107.7294

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

81.4652, 88.1169, 99.1008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6762, 89.7373, 107.7294 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 250, 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(213, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.6762, 89.7373, 107.7294 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, 255) }
```


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

```
.border{ border-color:rgb(213, 250, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6762, 89.7373, 107.7294 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, 255) }
```

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

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