

Converting Colors

XYZ(87.4164, 93.7099,
149.5404)

Have a look what the booklet for
XYZ(87.4164, 93.7099, 149.5404)
contains.

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Color

**XYZ(79.4387, 90.5424,
107.8973)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FCFF
RGB	210, 252, 255
RGB Percent	82%, 99%, 100%
CMY	0.1765, 0.0117, 0.0000
CMYK	0.18, 0.01, 0.00, 0.00
HSL	184°, 100%, 91%
HSV	184°, 18%, 100%
XYZ	79.4387, 90.5424, 107.8973
YIQ	239.7840, -25.9950, -7.9710

Conversions

Conversions Part 2

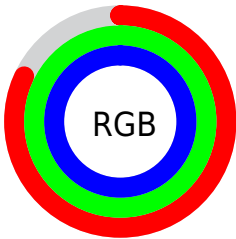
Format	Color
R_{YB}	210, 232, 255
Decimal	13827327
CIE _{Lab}	96.22, -12.73, -5.91
CIE _{LCh}	96, 14.038, 204.895
Y _{xy}	90.5424, 0.2859, 0.3258
Android (android.graphics.Color)	4292017407 (0xFFD2FCFF)
YUV	239.7840, 7.5015, -26.1206
Hunter-Lab	95.1538, -17.4992, -0.6228

Details

The XYZ color **79.4387, 90.5424, 107.8973** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.6668, 73.5004, 71.1206**, and the grayscale version is **82.6153, 86.9177, 94.6534**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2257, 50.0760, 60.8135** is the 20% darker color. If you saturate the color by 10%, you get **72.2191, 86.0353, 107.4079**, and if you desaturate by 10%, it is **87.8245, 95.6626, 108.4436**.

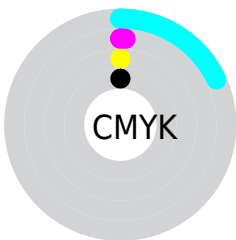
Distribution



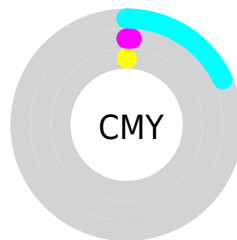
- Red (82%)
- Green (99%)
- Blue (100%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4387, 90.5424, 107.8973 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 79.4387, 90.5424, 107.8973 by changing the saturation by 10% instead.

79.4387, 90.5424,
107.8973

79.4387, 90.5424,
107.8973

481.8046,
529.7937, 606.6878

59.5634, 68.4306,
82.2585

131.5310,
148.0916, 174.1145

43.3150, 50.2481,
61.0416

164.4787,
184.2977, 215.5300

30.3279, 35.6106,
43.8280

202.5146,
225.9708, 263.0415

20.2369, 24.1336,
30.1991

246.0041,
273.4952, 317.0675

12.6766, 15.4328,
19.7364

295.3124,
327.2553, 378.0266

7.2817, 9.1237,
12.0214

350.8051,

3.6868, 4.8219,

387.6355, 446.3373

6.6356

412.8474,
455.0201, 522.4182

■ 1.5265, 2.1432,
3.1603

■ 0.3438, 0.6887,
1.1770

■ 79.4387, 90.5424,
107.8973

■ 79.4387, 90.5424,
107.8973

■ 72.2191, 86.0353,
107.4079

■ 87.8245, 95.6626,
108.4436

■ 66.1040, 82.1021,
106.9710

95.0500, 100.0000,
108.9000

■ 61.0367, 78.7162,
106.5845

■ 56.9525, 75.8441,
106.2454

■ 53.7797, 73.4488,
105.9503

■ 51.4366, 71.4882,
105.6954

■ 49.8271, 69.9128,
105.4761

■ 48.8243, 68.6571,
105.2866

■ 48.6327, 68.3854,
105.2442

Harmonies

Analogous

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



78.8085, 90.5424, 96.6883



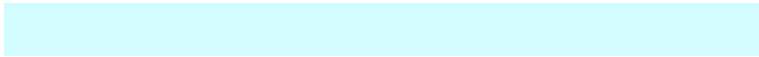
79.4387, 90.5424, 107.8973



81.8205, 90.5424, 117.2033

Triad

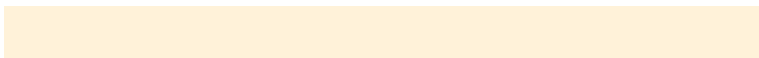
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4387, 90.5424, 107.8973



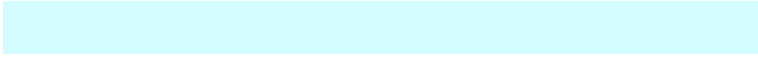
92.3344, 90.5424, 111.4475



86.7262, 90.5424, 78.7192

Complementary

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



79.4387, 90.5424, 107.8973



76.6668, 73.5004, 71.1206

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.



90.4390, 90.5424, 82.0513



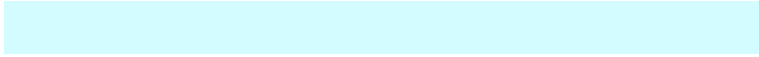
79.4387, 90.5424, 107.8973



93.7387, 90.5424, 100.5069

Square

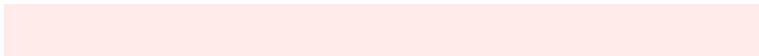
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



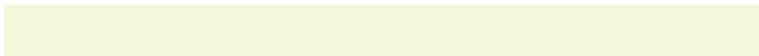
79.4387, 90.5424, 107.8973



89.2507, 90.5424, 119.3590



93.0348, 90.5424, 89.8251



82.9420, 90.5424, 80.3736

Rectangle

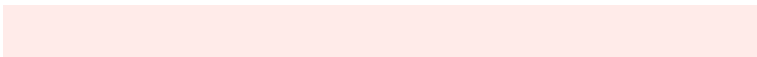
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



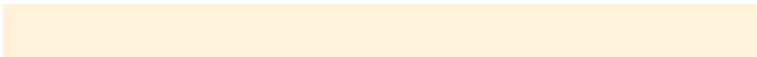
79.4387, 90.5424, 107.8973



84.1201, 90.5424, 120.7876



93.0348, 90.5424, 89.8251



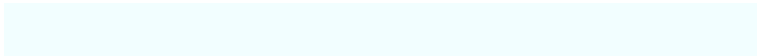
88.0251, 90.5424, 79.2853

Sweetspot

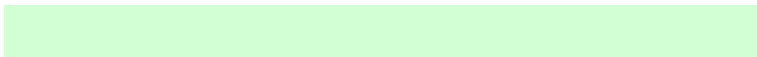
The Sweet Spot groups the original color and five complimentary colors.



79.4411, 90.5460, 107.8979



90.2437, 97.1213, 108.5977



74.2546, 89.9882, 75.9102



19.1766, 20.7041, 23.2355



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

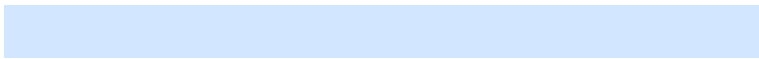
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4411, 90.5460, 107.8979



76.8921, 88.9670, 107.7274



72.9959, 77.6556, 105.7495



18.4453, 20.2621, 23.1888



25.4558, 35.8211, 55.0071



2.5085, 3.5476, 5.3658

Inverse Universe

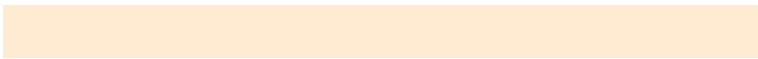
The Inverse Universe completely reimagines the original color for something new.



81.8587, 74.3830, 102.1426



79.7131, 70.2360, 100.9830



82.5103, 85.1875, 73.0685



18.7374, 18.2783, 22.5003



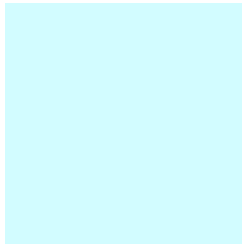
29.6371, 14.3441, 43.6009



2.9008, 1.4027, 4.3248

Previews

White Background



This preview shows how the XYZ color 79.4387, 90.5424, 107.8973 looks on a white background.

Color Contrast Check

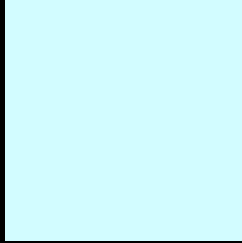
Large Text (above 18pt) WCAG AA × Fail

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 79.4387, 90.5424, 107.8973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

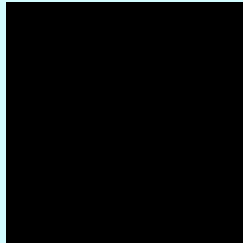
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

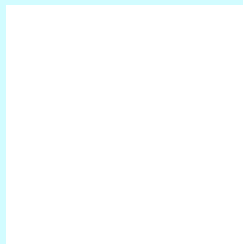
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4387, 90.5424, 107.8973

Background



This preview shows how black text looks on a background with the XYZ color 79.4387, 90.5424, 107.8973.

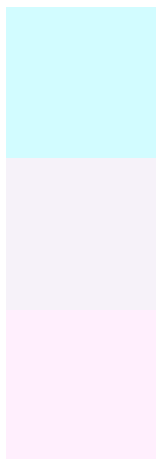


This preview shows how white text looks on a background with the XYZ color 79.4387, 90.5424,

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

79.4387, 90.5424, 107.8973

Protanopia

86.8570, 89.9366, 102.4042

Deuteranopia

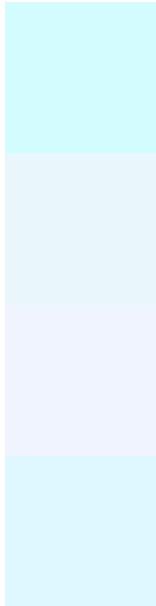
89.8361, 90.0849, 105.5817



Tritanopia

83.9608, 90.1205, 107.5775

Trichromacy



Original Color

79.4387, 90.5424, 107.8973

Protanomaly

83.9726, 90.2002, 104.2513

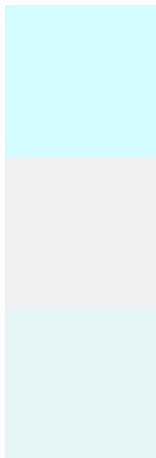
Deuteranomaly

85.8367, 90.2078, 106.6537

Tritanomaly

82.0488, 90.0428, 107.6633

Monochromacy



Original Color

79.4387, 90.5424, 107.8973

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

81.1452, 87.9520, 99.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4387, 90.5424, 107.8973 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(210, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 252, 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(210, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.4387, 90.5424, 107.8973 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(210, 252, 255) }
```


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

```
.border{ border-color:rgb(210, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4387, 90.5424, 107.8973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 252, 255) }
```

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

```
.background{ background-color: rgb(210,  
252, 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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