

Converting Colors

XYZ(79.6416, 88.8018,
107.5506)

Have a look what the booklet for
XYZ(79.6416, 88.8018, 107.5506)
contains.

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Color

**XYZ(79.6417, 88.8019,
107.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F8FF
RGB	215, 248, 255
RGB Percent	84%, 97%, 100%
CMY	0.1569, 0.0274, 0.0000
CMYK	0.16, 0.03, 0.00, 0.00
HSL	190°, 100%, 92%
HSV	190°, 16%, 100%
XYZ	79.6417, 88.8019, 107.5507
YIQ	238.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

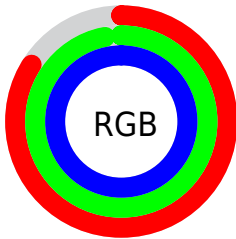
Format	Color
R _Y B	215, 233, 255
Decimal	14153983
CIE Lab	95.50, -9.21, -6.94
CIE LCh	95, 11.537, 217.003
Yxy	88.8019, 0.2886, 0.3218
Android (android.graphics.Color)	4292344063 (0xFFD7F8FF)
YUV	238.9310, 7.9220, -20.9875
Hunter-Lab	94.2348, -14.0531, -1.7037

Details

The XYZ color **79.6417, 88.8019, 107.5507** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.6265, 78.4073, 75.2288**, and the grayscale version is **81.9449, 86.2124, 93.8853**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5399, 49.2501, 60.6375** is the 20% darker color. If you saturate the color by 10%, you get **71.3753, 82.5316, 106.7761**, and if you desaturate by 10%, it is **89.1124, 95.7463, 108.3919**.

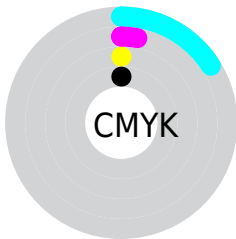
Distribution



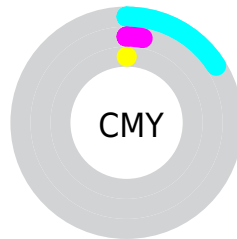
- Red (84%)
- Green (97%)
- Blue (100%)



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



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6417, 88.8019, 107.5507 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 79.6417, 88.8019, 107.5507 by changing the saturation by 10% instead.

79.6417, 88.8019,
107.5507

79.6417, 88.8019,
107.5507

482.4795,
524.1257, 605.5913

59.7310, 66.9874,
81.9693

131.8150,
145.6731, 173.6376

43.4505, 49.0744,
60.8046

164.8084,
181.4985, 214.9801

30.4348, 34.6785,
43.6379

202.8933,
222.7630, 262.4135

20.3185, 23.4153,
30.0509

246.4352,
269.8510, 316.3562

12.7364, 14.9005,
19.6248

295.7994,
323.1469, 377.2268

7.3230, 8.7496,
11.9413

351.3513,

3.7131, 4.5782,

383.0350, 445.4438

6.5816

413.4562,
449.8998, 521.4258

■ 1.5411, 2.0020,
3.1274

■ 0.3536, 0.6086,
1.1601

■ 79.6417, 88.8019,
107.5507

■ 79.6417, 88.8019,
107.5507

■ 71.3753, 82.5316,
106.7761

■ 89.1124, 95.7463,
108.3919

■ 64.2521, 76.8964,
106.0638

95.0500, 100.0000,
108.9000

■ 58.2162, 71.8696,
105.4116

■ 53.2039, 67.4179,
104.8166

■ 49.1447, 63.5047,
104.2752

■ 45.9590, 60.0887,
103.7837

■ 43.5539, 57.1215,
103.3378

■ 41.8142, 54.5434,
102.9318

■ 41.1970, 53.5140,
102.7657

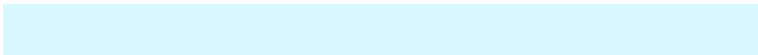
Harmonies

Analogous

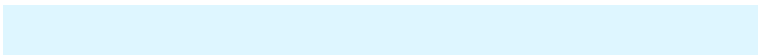
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5130, 88.8019, 98.8283



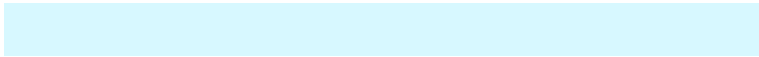
79.6417, 88.8019, 107.5507



82.0510, 88.8019, 113.6168

Triad

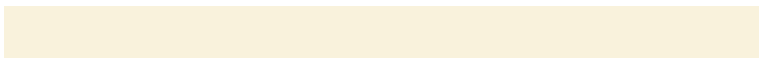
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6417, 88.8019, 107.5507



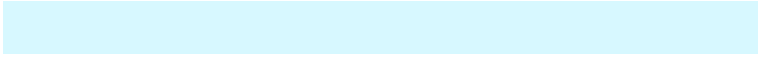
90.1236, 88.8019, 103.6519



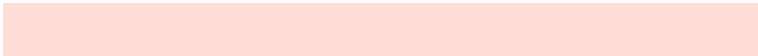
83.6646, 88.8019, 80.4204

Complementary

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



79.6417, 88.8019, 107.5507



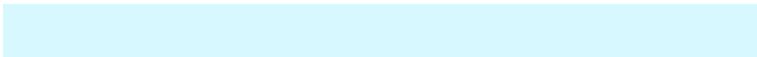
79.6265, 78.4073, 75.2288

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.



86.8006, 88.8019, 81.5342



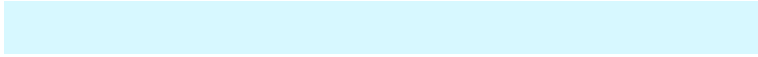
79.6417, 88.8019, 107.5507



90.5816, 88.8019, 94.5831

Square

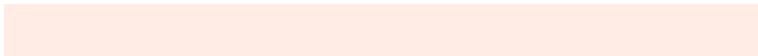
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6417, 88.8019, 107.5507



88.1151, 88.8019, 111.2695



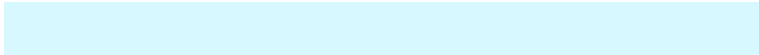
89.3515, 88.8019, 86.5866



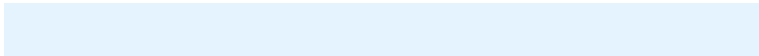
80.7977, 88.8019, 83.4435

Rectangle

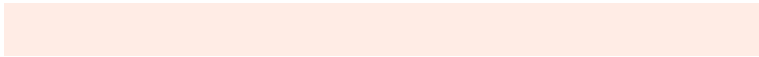
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6417, 88.8019, 107.5507



84.0862, 88.8019, 115.1376



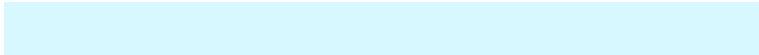
89.3515, 88.8019, 86.5866



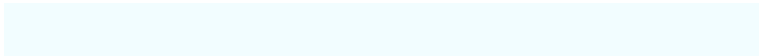
84.7217, 88.8019, 80.3266

Sweetspot

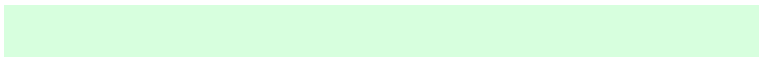
The Sweet Spot groups the original color and five complimentary colors.



79.6440, 88.8055, 107.5512



89.8066, 96.2471, 108.4520



76.9254, 91.2236, 82.4280



19.0700, 20.4910, 23.2000



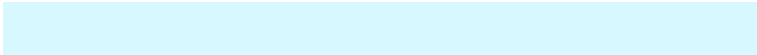
0.0000, 0.0000, 0.0000



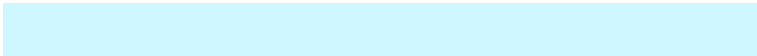
20.3446, 21.4041, 23.3091

Same Dimension

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



79.6440, 88.8055, 107.5512



76.7729, 86.6534, 107.2872



73.9106, 77.3386, 105.6401



18.2687, 19.9091, 23.1299



21.6251, 28.1597, 53.7302



2.1733, 2.8774, 5.2541

Inverse Universe

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



82.4851, 76.6397, 99.2567



80.1596, 72.3541, 97.3545



85.1593, 89.4729, 77.0731



18.6483, 18.2426, 22.0310



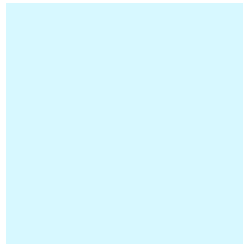
27.7035, 13.5707, 33.4189



2.7316, 1.3350, 3.4340

Previews

White Background



This preview shows how the XYZ color 79.6417, 88.8019, 107.5507 looks on a white background.

Color Contrast Check

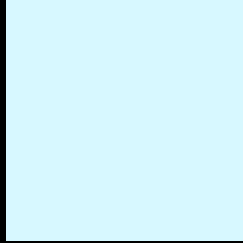
Large Text (above 18pt) WCAG AA × Fail

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 79.6417, 88.8019, 107.5507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

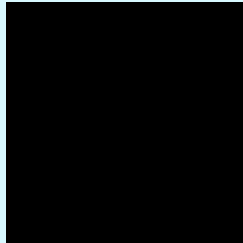
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6417, 88.8019, 107.5507

Background



This preview shows how black text looks on a background with the XYZ color 79.6417, 88.8019, 107.5507.

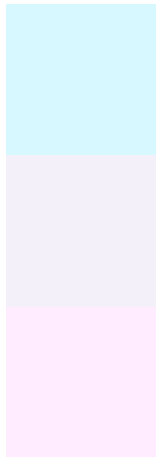


This preview shows how white text looks on a background with the XYZ color 79.6417, 88.8019,

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

79.6417, 88.8019, 107.5507

Protanopia

85.3776, 88.2770, 102.9818

Deuteranopia

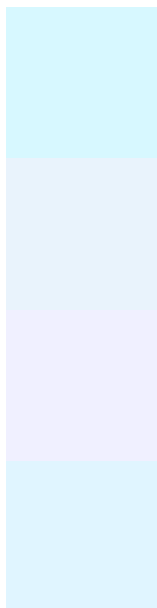
89.2855, 88.4709, 106.9785



Tritanopia

82.7138, 88.5794, 107.3458

Trichromacy



Original Color

79.6417, 88.8019, 107.5507

Protanomaly

83.2256, 88.4531, 104.7822

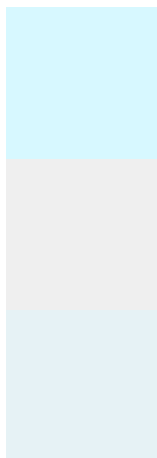
Deuteranomaly

85.1453, 88.0654, 107.1184

Tritanomaly

81.4429, 88.3721, 107.3728

Monochromacy



Original Color

79.6417, 88.8019, 107.5507

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.8667, 86.9198, 98.9013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6417, 88.8019, 107.5507 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(215, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 248, 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(215, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.6417, 88.8019, 107.5507 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(215, 248, 255) }
```


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

```
.border{ border-color:rgb(215, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6417, 88.8019, 107.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 248, 255) }
```

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

```
.background{ background-color: rgb(215,  
248, 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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