

Converting Colors

XYZ(79.9192, 88.0370,
107.3884)

Have a look what the booklet for
XYZ(79.9192, 88.0370, 107.3884)
contains.

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Color

**XYZ(79.9192, 88.0370,
107.3884)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF6FF
RGB	218, 246, 255
RGB Percent	85%, 96%, 100%
CMY	0.1451, 0.0353, 0.0000
CMYK	0.15, 0.04, 0.00, 0.00
HSL	195°, 100%, 93%
HSV	195°, 15%, 100%
XYZ	79.9192, 88.0370, 107.3884
YIQ	238.6540, -19.5770, -3.1370

Conversions

Conversions Part 2

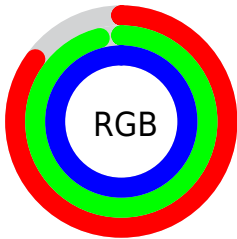
Format	Color
R _Y B	218, 234, 255
Decimal	14350079
CIE Lab	95.18, -7.28, -7.40
CIE LCh	95, 10.380, 225.446
Yxy	88.0370, 0.2903, 0.3197
Android (android.graphics.Color)	4292540159 (0xFFDAF6FF)
YUV	238.6540, 8.0586, -18.1136
Hunter-Lab	93.8280, -12.1595, -2.1792

Details

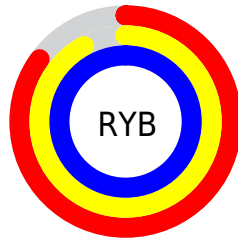
The XYZ color **79.9192, 88.0370, 107.3884** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.3634, 81.2586, 77.7274**, and the grayscale version is **81.7274, 85.9835, 93.6361**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7108, 48.6907, 60.5205** is the 20% darker color. If you saturate the color by 10%, you get **71.0186, 80.6981, 106.4410**, and if you desaturate by 10%, it is **90.0605, 96.1136, 108.4128**.

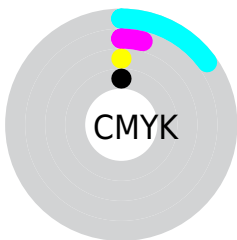
Distribution



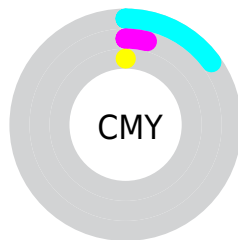
- Red (85%)
- Green (96%)
- Blue (100%)



- Red (85%)
- Yellow (92%)
- Blue (100%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9192, 88.0370, 107.3884 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 79.9192, 88.0370, 107.3884 by changing the saturation by 10% instead.

79.9192, 88.0370,
107.3884

79.9192, 88.0370,
107.3884

483.4012,
521.6244, 605.0775

59.9601, 66.3537,
81.8339

132.2032,
144.6087, 173.4142

43.6358, 48.5596,
60.6936

165.2589,
180.2658, 214.7226

30.5810, 34.2703,
43.5490

203.4108,
221.3498, 262.1193

20.4302, 23.1013,
29.9815

247.0243,
268.2448, 316.0230

12.8183, 14.6683,
19.5726

296.4647,
321.3354, 376.8521

7.3796, 8.5869,
11.9038

352.0974,

3.7491, 4.4728,

381.0059, 445.0252

6.5565

414.2878,
447.6408, 520.9608

■ 1.5612, 1.9414,
3.1121

■ 0.3669, 0.5731,
1.1521

■ 79.9192, 88.0370,
107.3884

■ 79.9192, 88.0370,
107.3884

■ 71.0186, 80.6981,
106.4410

■ 90.0605, 96.1136,
108.4128

■ 63.2977, 74.0576,
105.5661

95.0500, 100.0000,
108.9000

■ 56.7007, 68.0880,
104.7616

■ 51.1641, 62.7558,
104.0242

■ 46.6180, 58.0240,
103.3505

■ 42.9837, 53.8511,
102.7366

■ 40.1697, 50.1888,
102.1780

■ 38.0637, 46.9785,
101.6693

■ 37.1213, 45.3625,
101.4071

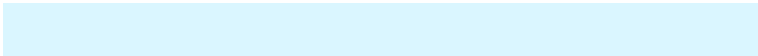
Harmonies

Analogous

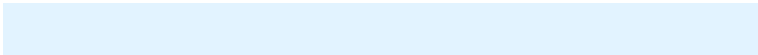
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5439, 88.0370, 100.0650



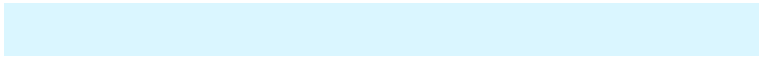
79.9192, 88.0370, 107.3884



82.3175, 88.0370, 111.7348

Triad

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



79.9192, 88.0370, 107.3884



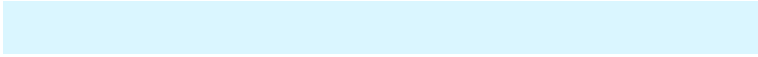
89.0509, 88.0370, 99.8243



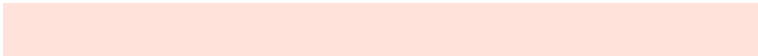
82.2366, 88.0370, 81.6165

Complementary

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



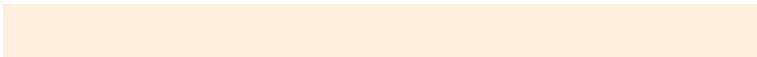
79.9192, 88.0370, 107.3884



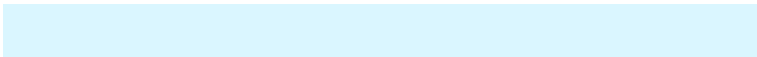
81.3634, 81.2586, 77.7274

Split Complementary

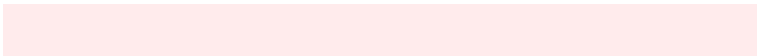
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0504, 88.0370, 81.5601



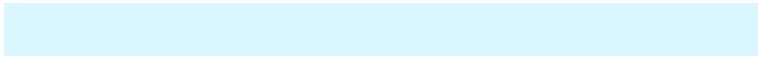
79.9192, 88.0370, 107.3884



89.0281, 88.0370, 91.7693

Square

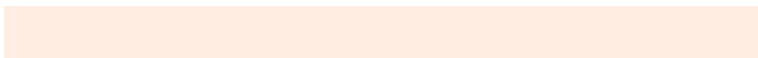
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



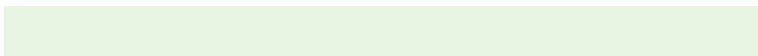
79.9192, 88.0370, 107.3884



87.6115, 88.0370, 107.2036



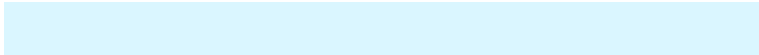
87.5498, 88.0370, 85.1827



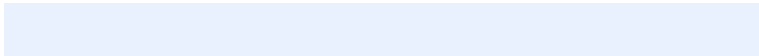
79.8612, 88.0370, 85.3413

Rectangle

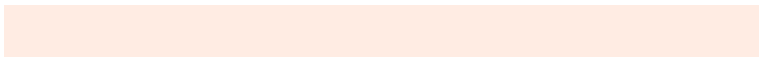
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



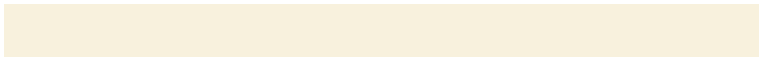
79.9192, 88.0370, 107.3884



84.1937, 88.0370, 112.2111



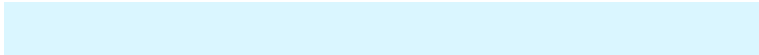
87.5498, 88.0370, 85.1827



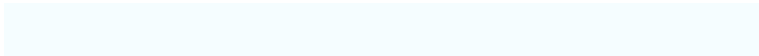
83.1615, 88.0370, 81.1751

Sweetspot

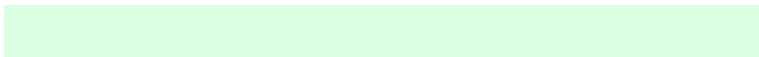
The Sweet Spot groups the original color and five complimentary colors.



79.9215, 88.0405, 107.3890



90.6105, 96.5445, 108.4670



78.4889, 91.9517, 86.0209



19.2206, 20.5283, 23.1993



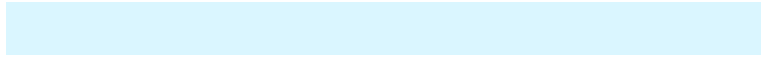
0.0000, 0.0000, 0.0000



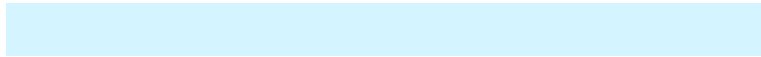
20.3446, 21.4041, 23.3091

Same Dimension

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



79.9215, 88.0405, 107.3890



77.5902, 86.1442, 107.1458



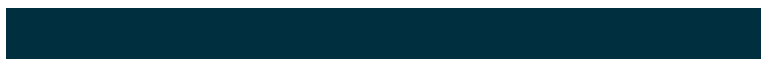
74.6713, 77.5402, 105.6389



18.1588, 19.6891, 23.0933



19.5194, 23.9484, 53.0283



1.9856, 2.5019, 5.1915

Inverse Universe

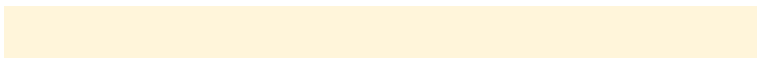
The Inverse Universe completely reimagines the original color for something new.



82.9474, 78.0581, 97.8880



81.0953, 74.7319, 96.1059



86.5881, 91.7080, 79.4689



18.5928, 18.2204, 21.7387



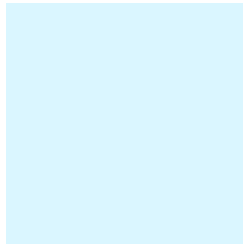
26.6407, 13.1456, 27.8221



2.6368, 1.2971, 2.9350

Previews

White Background



This preview shows how the XYZ color 79.9192, 88.0370, 107.3884 looks on a white background.

Color Contrast Check

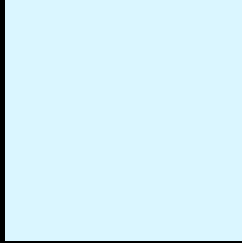
Large Text (above 18pt) WCAG AA × Fail

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 79.9192, 88.0370, 107.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

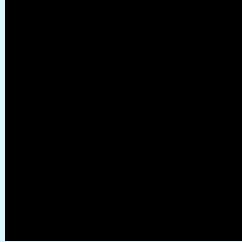
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.9192, 88.0370, 107.3884

Background



This preview shows how black text looks on a background with the XYZ color 79.9192, 88.0370, 107.3884.



This preview shows how white text looks on a background with the XYZ color 79.9192, 88.0370,

107.3884.

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

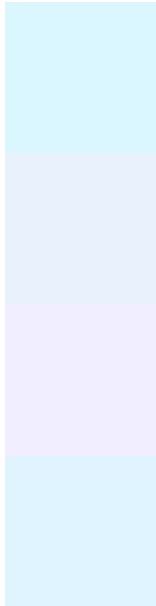




Tritanopia

82.0955, 87.8152, 107.2309

Trichromacy



Original Color

79.9192, 88.0370, 107.3884

Protanomaly

82.9271, 87.8562, 104.6827

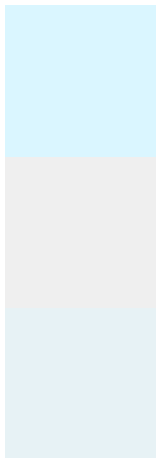
Deuteranomaly

85.1921, 87.6538, 107.0365

Tritanomaly

81.1412, 87.7687, 107.2722

Monochromacy



Original Color

79.9192, 88.0370, 107.3884

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.1886, 87.0858, 98.9163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9192, 88.0370, 107.3884 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(218, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 246, 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(218, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.9192, 88.0370, 107.3884 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(218, 246, 255) }
```


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

```
.border{ border-color:rgb(218, 246, 255) }
```

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

Here you see how a box with a 4 pixel rgb(218, 246, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9192, 88.0370, 107.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 246, 255) }
```

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

```
.background{ background-color: rgb(218,  
246, 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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