

Converting Colors

XYZ(79.4991, 88.9507,
107.5869)

Have a look what the booklet for
XYZ(79.4991, 88.9507, 107.5869)
contains.

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Color

**XYZ(79.3490, 88.6509,
107.5369)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D6F8FF |
| RGB | 214, 248, 255 |
| RGB Percent | 84%, 97%, 100% |
| CMY | 0.1608, 0.0274, 0.0000 |
| CMYK | 0.16, 0.03, 0.00, 0.00 |
| HSL | 190°, 100%, 92% |
| HSV | 190°, 16%, 100% |
| XYZ | 79.3490, 88.6509, 107.5369 |
| YIQ | 238.6320, -22.5110, -5.0310 |

Conversions

Conversions Part 2

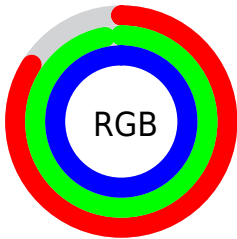
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 214, 233, 255 |
| Decimal | 14088447 |
| CIE Lab | 95.43, -9.52, -7.04 |
| CIE LCh | 95, 11.842, 216.502 |
| Yxy | 88.6509, 0.2880, 0.3217 |
| Android (android.graphics.Color) | 4292278527 (0xFFD6F8FF) |
| YUV | 238.6320, 8.0694, -21.6023 |
| Hunter-Lab | 94.1546, -14.3393, -1.8087 |

Details

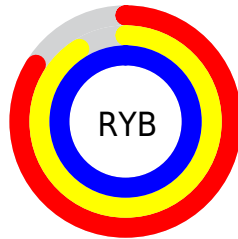
The XYZ color **79.3490, 88.6509, 107.5369** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.2338, 77.8269, 74.4662**, and the grayscale version is **81.7118, 85.9672, 93.6183**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3408, 49.1474, 60.6282** is the 20% darker color. If you saturate the color by 10%, you get **71.1599, 82.4688, 106.7753**, and if you desaturate by 10%, it is **88.7389, 95.5029, 108.3646**.

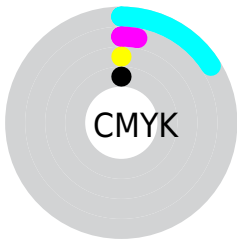
Distribution



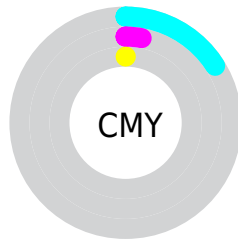
- Red (84%)
- Green (97%)
- Blue (100%)



- 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 79.3490, 88.6509, 107.5369 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 79.3490, 88.6509, 107.5369 by changing the saturation by 10% instead.

79.3490, 88.6509,
107.5369

79.3490, 88.6509,
107.5369

481.5062,
523.6324, 605.5476

59.4894, 66.8623,
81.9578

131.4054,
145.4630, 173.6186

43.2551, 48.9727,
60.7951

164.3329,
181.2553, 214.9582

30.2807, 34.5978,
43.6304

202.3472,
222.4842, 262.3885

20.2009, 23.3532,
30.0450

245.8135,
269.5341, 316.3279

12.6503, 14.8546,
19.6204

295.0972,
322.7896, 377.1949

7.2635, 8.7174,
11.9381

350.5636,

3.6752, 4.5573,

382.6348, 445.4082

6.5795

412.5782,
449.4543, 521.3863

■ 1.5201, 1.9899,
3.1261

■ 0.3394, 0.6016,
1.1594

■ 79.3490, 88.6509,
107.5369

■ 79.3490, 88.6509,
107.5369

■ 71.1599, 82.4688,
106.7753

■ 88.7389, 95.5029,
108.3646

■ 64.1102, 76.9176,
106.0754

95.0500, 100.0000,
108.9000

■ 58.1439, 71.9704,
105.4349

■ 53.1970, 67.5940,
104.8509

■ 49.1988, 63.7516,
104.3200

■ 46.0694, 60.4017,
103.8383

■ 43.7150, 57.4955,
103.4015

■ 42.0194, 54.9729,
103.0039

■ 41.4666, 54.0532,
102.8555

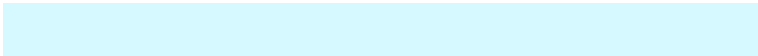
Harmonies

Analogous

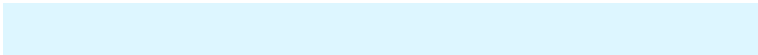
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2184, 88.6509, 98.5610



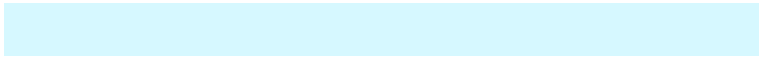
79.3490, 88.6509, 107.5369



81.7995, 88.6509, 113.8367

Triad

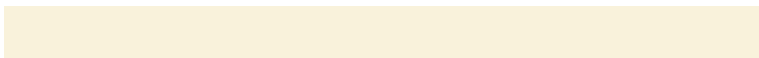
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3490, 88.6509, 107.5369



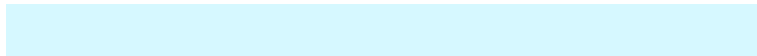
90.1056, 88.6509, 103.8186



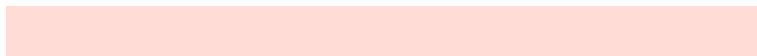
83.5563, 88.6509, 79.8559

Complementary

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



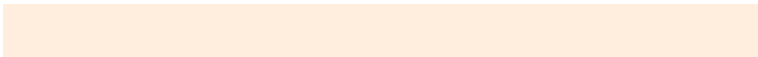
79.3490, 88.6509, 107.5369



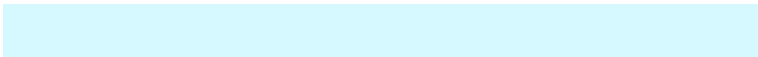
79.2338, 77.8269, 74.4662

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.



86.7694, 88.6509, 81.0652



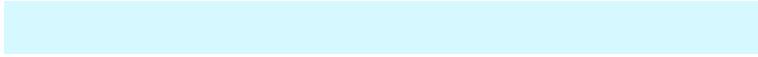
79.3490, 88.6509, 107.5369



90.6050, 88.6509, 94.5188

Square

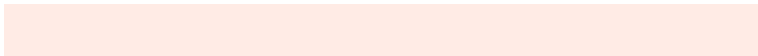
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3490, 88.6509, 107.5369



88.0218, 88.6509, 111.5956



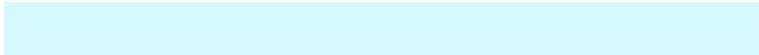
89.3696, 88.6509, 86.2932



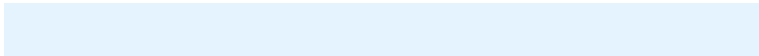
80.6069, 88.6509, 82.8776

Rectangle

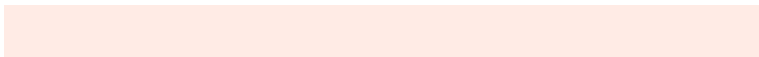
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3490, 88.6509, 107.5369



83.8803, 88.6509, 115.4594



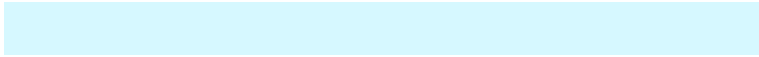
89.3696, 88.6509, 86.2932



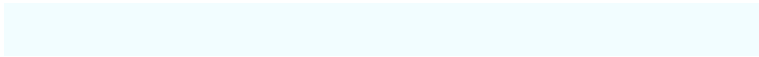
84.6409, 88.6509, 79.7841

Sweetspot

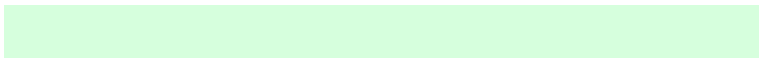
The Sweet Spot groups the original color and five complimentary colors.



79.3513, 88.6545, 107.5375



89.8237, 96.2814, 108.4577



76.5216, 91.0283, 81.8290



19.0742, 20.4993, 23.2014



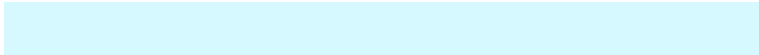
0.0000, 0.0000, 0.0000



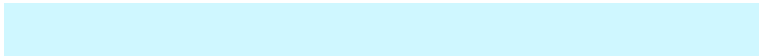
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3513, 88.6545, 107.5375



76.8359, 86.7793, 107.3081



73.4347, 76.8212, 105.5653



18.2756, 19.9228, 23.1322



21.7642, 28.4380, 53.7766



2.1856, 2.9020, 5.2582

Inverse Universe

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



82.2313, 76.1322, 99.1719



80.1913, 72.3669, 97.5218



84.9323, 89.2239, 76.3657



18.6518, 18.2440, 22.0493



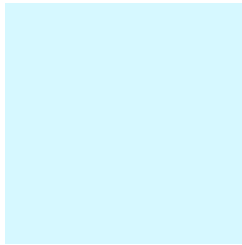
27.7738, 13.5988, 33.7887



2.7378, 1.3375, 3.4667

Previews

White Background



This preview shows how the XYZ color 79.3490, 88.6509, 107.5369 looks on a white background.

Color Contrast Check

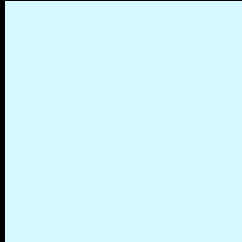
Large Text (above 18pt) WCAG AA × Fail

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 79.3490, 88.6509, 107.5369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

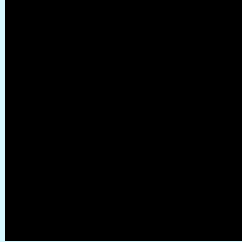
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3490, 88.6509, 107.5369

Background



This preview shows how black text looks on a background with the XYZ color 79.3490, 88.6509, 107.5369.



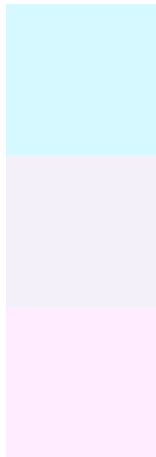
This preview shows how white text looks on a background with the XYZ color 79.3490, 88.6509,

107.5369.

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

79.3490, 88.6509, 107.5369

Protanopia

85.3776, 88.2770, 102.9818

Deuteranopia

89.2855, 88.4709, 106.9785



Tritanopia

82.3956, 88.4153, 107.3309

Trichromacy



Original Color

79.3490, 88.6509, 107.5369

Protanomaly

82.9000, 88.2853, 104.7669

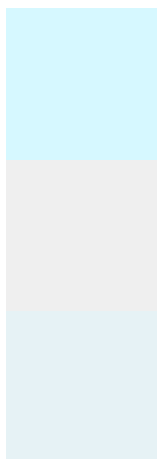
Deuteranomaly

85.1453, 88.0654, 107.1184

Tritanomaly

81.1338, 88.2128, 107.3583

Monochromacy



Original Color

79.3490, 88.6509, 107.5369

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 79.3490, 88.6509, 107.5369 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(214, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.3490, 88.6509, 107.5369 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(214, 248, 255) }
```


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

```
.border{ border-color:rgb(214, 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(214, 248, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3490, 88.6509, 107.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 248, 255) }
```

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

```
.background{ background-color: rgb(214,  
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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