

Converting Colors

XYZ(84.3511, 90.7504,
131.3054)

Have a look what the booklet for
XYZ(84.3511, 90.7504, 131.3054)
contains.

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Color

**XYZ(79.9363, 88.9537,
107.5644)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F8FF
RGB	216, 248, 255
RGB Percent	85%, 97%, 100%
CMY	0.1529, 0.0274, 0.0000
CMYK	0.15, 0.03, 0.00, 0.00
HSL	191°, 100%, 92%
HSV	191°, 15%, 100%
XYZ	79.9363, 88.9537, 107.5644
YIQ	239.2300, -21.3190, -4.6070

Conversions

Conversions Part 2

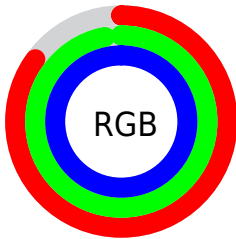
Format	Color
R_{YB}	216, 234, 255
Decimal	14219519
CIE _{Lab}	95.56, -8.91, -6.84
CIE _{LCh}	96, 11.232, 217.534
Yxy	88.9537, 0.2891, 0.3218
Android (android.graphics.Color)	4292409599 (0xFFD8F8FF)
YUV	239.2300, 7.7746, -20.3727
Hunter-Lab	94.3153, -13.7652, -1.5982

Details

The XYZ color **79.9363, 88.9537, 107.5644** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.0220, 78.9920, 75.9968**, and the grayscale version is **82.1784, 86.4581, 94.1528**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7406, 49.3536, 60.6469** is the 20% darker color. If you saturate the color by 10%, you get **71.5908, 82.5916, 106.7763**, and if you desaturate by 10%, it is **89.4899, 95.9944, 108.4199**.

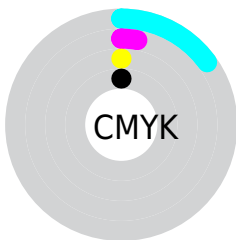
Distribution



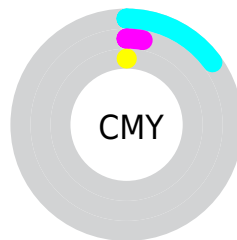
- Red (85%)
- Green (97%)
- Blue (100%)



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



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9363, 88.9537, 107.5644 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 79.9363, 88.9537, 107.5644 by changing the saturation by 10% instead.

79.9363, 88.9537,
107.5644

79.9363, 88.9537,
107.5644

483.4579,
524.6214, 605.6347

59.9742, 67.1132,
81.9807

132.2272,
145.8842, 173.6564

43.6472, 49.1766,
60.8139

165.2867,
181.7429, 215.0019

30.5900, 34.7596,
43.6455

203.4427,
223.0432, 262.4383

20.4371, 23.4777,
30.0567

247.0606,
270.1694, 316.3843

12.8233, 14.9467,
19.6292

296.5057,
323.5059, 377.2584

7.3831, 8.7820,
11.9444

352.1434,

3.7513, 4.5992,

383.4372, 445.4791

6.5838

414.3390,
450.3475, 521.4650

■ 1.5624, 2.0141,
3.1287

■ 0.3677, 0.6156,
1.1607

■ 79.9363, 88.9537,
107.5644

■ 79.9363, 88.9537,
107.5644

■ 71.5908, 82.5916,
106.7763

■ 89.4899, 95.9944,
108.4199

■ 64.3923, 76.8692,
106.0511

95.0500, 100.0000,
108.9000

■ 58.2852, 71.7596,
105.3868

■ 53.2059, 67.2298,
104.7801

■ 49.0842, 63.2432,
104.2279

■ 45.8410, 59.7587,
103.7263

■ 43.3839, 56.7283,
103.2708

■ 41.5990, 54.0928,
102.8562

■ 40.9147, 52.9493,
102.6716

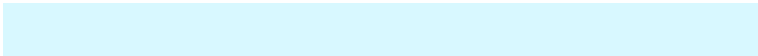
Harmonies

Analogous

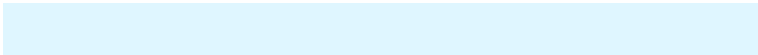
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8095, 88.9537, 99.0971



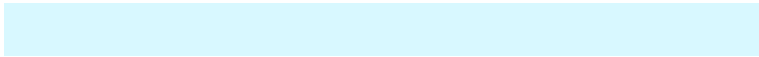
79.9363, 88.9537, 107.5644



82.3040, 88.9537, 113.3961

Triad

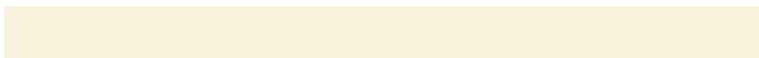
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9363, 88.9537, 107.5644



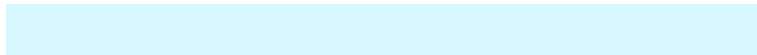
90.1416, 88.9537, 103.4849



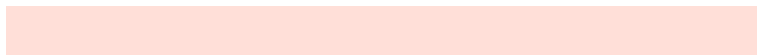
83.7734, 88.9537, 80.9898

Complementary

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



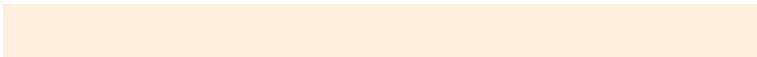
79.9363, 88.9537, 107.5644



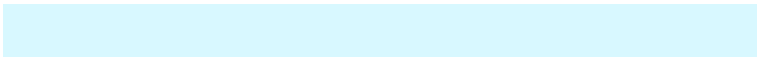
80.0220, 78.9920, 75.9968

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.



86.8320, 88.9537, 82.0070



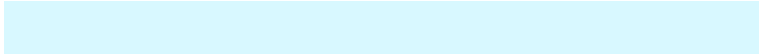
79.9363, 88.9537, 107.5644



90.5581, 88.9537, 94.6478

Square

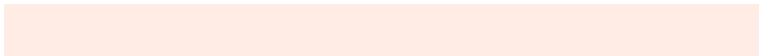
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9363, 88.9537, 107.5644



88.2088, 88.9537, 110.9428



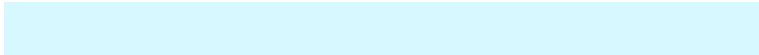
89.3334, 88.9537, 86.8820



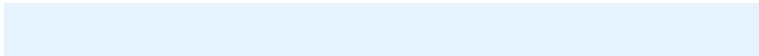
80.9896, 88.9537, 84.0141

Rectangle

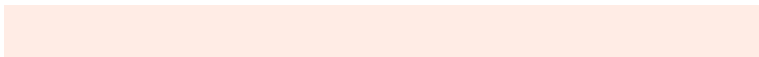
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9363, 88.9537, 107.5644



84.2932, 88.9537, 114.8149



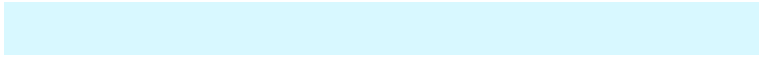
89.3334, 88.9537, 86.8820



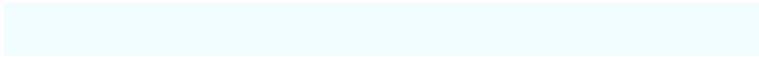
84.8030, 88.9537, 80.8738

Sweetspot

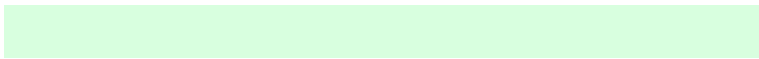
The Sweet Spot groups the original color and five complimentary colors.



79.9386, 88.9573, 107.5650



89.7886, 96.2110, 108.4460



77.3319, 91.4202, 83.0306



19.0656, 20.4822, 23.1985



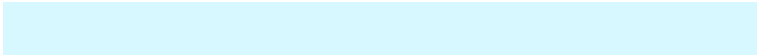
0.0000, 0.0000, 0.0000



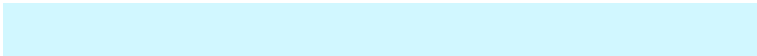
20.3446, 21.4041, 23.3091

Same Dimension

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



79.9386, 88.9573, 107.5650



77.5624, 87.1690, 107.3451



74.3894, 77.8589, 105.7153



18.2615, 19.8945, 23.1275



21.4794, 27.8683, 53.6816



2.1604, 2.8516, 5.2498

Inverse Universe

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



82.7406, 77.1507, 99.3418



80.8176, 73.6110, 97.7561



85.3874, 89.7228, 77.7853



18.6446, 18.2412, 22.0117



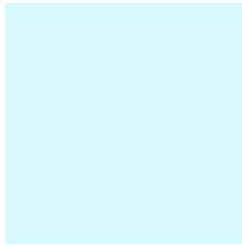
27.6300, 13.5413, 33.0316



2.7251, 1.3324, 3.3997

Previews

White Background



This preview shows how the XYZ color 79.9363, 88.9537, 107.5644 looks on a white background.

Color Contrast Check

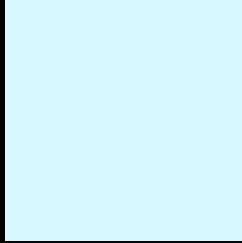
Large Text (above 18pt) WCAG AA × Fail

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 79.9363, 88.9537, 107.5644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

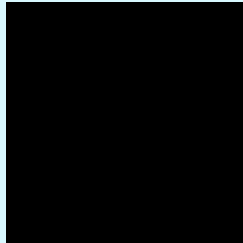
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.9363, 88.9537, 107.5644

Background



This preview shows how black text looks on a background with the XYZ color 79.9363, 88.9537, 107.5644.



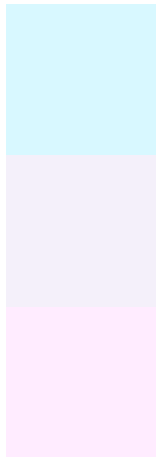
This preview shows how white text looks on a background with the XYZ color 79.9363, 88.9537,

107.5644.

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

79.9363, 88.9537, 107.5644

Protanopia

85.7236, 88.4554, 102.9980

Deuteranopia

89.2855, 88.4709, 106.9785



Tritanopia

83.0338, 88.7444, 107.3608

Trichromacy



Original Color

79.9363, 88.9537, 107.5644

Protanomaly

83.5530, 88.6219, 104.7975

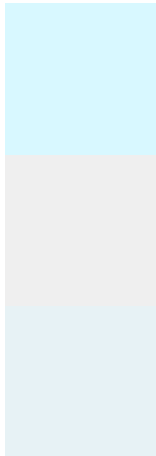
Deuteranomaly

85.4857, 88.2409, 107.1344

Tritanomaly

81.7537, 88.5324, 107.3873

Monochromacy



Original Color

79.9363, 88.9537, 107.5644

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 79.9363, 88.9537, 107.5644 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(216, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.9363, 88.9537, 107.5644 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(216, 248, 255) }
```


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

```
.border{ border-color:rgb(216, 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(216, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9363, 88.9537, 107.5644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 248, 255) }
```

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

```
.background{ background-color: rgb(216,  
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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