

Converting Colors

XYZ(80.7270, 92.2262,
112.5974)

Have a look what the booklet for
XYZ(80.7270, 92.2262, 112.5974)
contains.

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Color

**XYZ(79.7863, 91.6589,
108.0945)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FEFF
RGB	209, 254, 255
RGB Percent	82%, 100%, 100%
CMY	0.1804, 0.0039, 0.0000
CMYK	0.18, 0.00, 0.00, 0.00
HSL	181°, 100%, 91%
HSV	181°, 18%, 100%
XYZ	79.7863, 91.6589, 108.0945
YIQ	240.6590, -27.1410, -9.2290

Conversions

Conversions Part 2

Format	Color
R_{YB}	209, 232, 255
Decimal	13762303
CIE _{Lab}	96.68, -14.03, -5.24
CIE _{LCh}	97, 14.974, 200.479
Yxy	91.6589, 0.2854, 0.3279
Android (android.graphics.Color)	4291952383 (0xFFD1FEFF)
YUV	240.6590, 7.0701, -27.7649
Hunter-Lab	95.7387, -18.7850, 0.0752

Details

The XYZ color **79.7863, 91.6589, 108.0945** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.7949, 71.9556, 70.2173**, and the grayscale version is **83.3046, 87.6429, 95.4431**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4857, 50.8797, 60.9549** is the 20% darker color. If you saturate the color by 10%, you get **72.9669, 87.8863, 107.7257**, and if you desaturate by 10%, it is **87.7657, 96.0351, 108.5186**.

Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7863, 91.6589, 108.0945 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 79.7863, 91.6589, 108.0945 by changing the saturation by 10% instead.

79.7863, 91.6589,
108.0945

79.7863, 91.6589,
108.0945

482.9599,
533.4125, 607.3112

59.8504, 69.3574,
82.4231

132.0173,
149.6405, 174.3858

43.5470, 51.0028,
61.1765

165.0432,
186.0894, 215.8427

30.5109, 36.2108,
43.9362

203.1630,
228.0229, 263.3986

20.3767, 24.5971,
30.2835

246.7422,
275.8253, 317.4720

12.7790, 15.7771,
19.8000

296.1462,
329.8811, 378.4814

7.3525, 9.3666,
12.0671

351.7402,

3.7318, 4.9810,

390.5746, 446.8454

6.6663

413.8896,
458.2903, 522.9825

■ 1.5516, 2.2361,
3.1790

■ 0.3605, 0.7396,
1.1868

■ 79.7863, 91.6589,
108.0945

■ 79.7863, 91.6589,
108.0945

■ 72.9669, 87.8863,
107.7257

■ 87.7657, 96.0351,
108.5186

■ 67.2454, 84.6781,
107.4080

95.0500, 100.0000,
108.9000

■ 62.5651, 82.0073,
107.1392

■ 58.8610, 79.8405,
106.9162

■ 56.0611, 78.1406,
106.7357

■ 54.0833, 76.8653,
106.5937

■ 52.8307, 75.9645,
106.4859

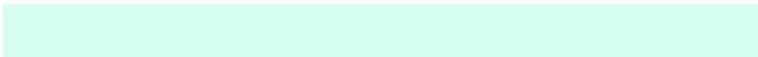
■ 52.1718, 75.3706,
106.4060

■ 52.0756, 75.2713,
106.3919

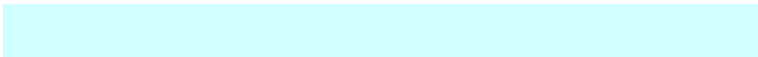
Harmonies

Analogous

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



79.4113, 91.6589, 96.0322



79.7863, 91.6589, 108.0945



82.0912, 91.6589, 118.6819

Triad

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



79.7863, 91.6589, 108.0945



93.4838, 91.6589, 115.2185



88.4587, 91.6589, 78.7278

Complementary

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



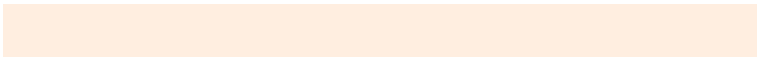
79.7863, 91.6589, 108.0945



75.7949, 71.9556, 70.2173

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.



92.3480, 91.6589, 83.0368



79.7863, 91.6589, 108.0945



95.3100, 91.6589, 103.6671

Square

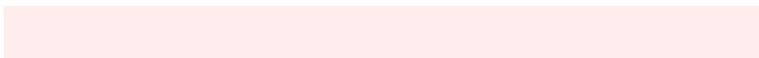
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7863, 91.6589, 108.0945



89.9687, 91.6589, 123.0183



94.8878, 91.6589, 91.9429



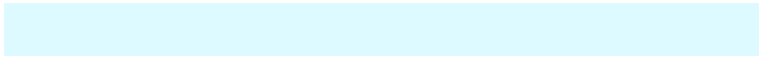
84.3302, 91.6589, 79.7056

Rectangle

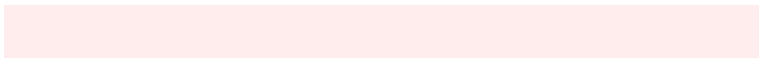
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7863, 91.6589, 108.0945



84.4541, 91.6589, 123.1701



94.8878, 91.6589, 91.9429



89.8395, 91.6589, 79.5921

Sweetspot

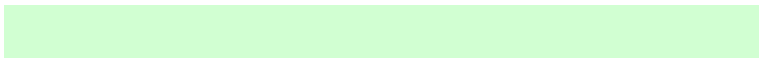
The Sweet Spot groups the original color and five complimentary colors.



79.7887, 91.6626, 108.0951



90.4259, 97.4857, 108.6584



73.6594, 89.7173, 74.2571



19.2210, 20.7930, 23.2503



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

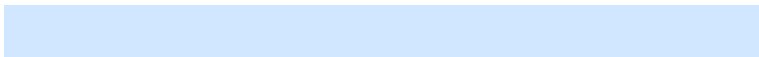
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7887, 91.6626, 108.0951



76.9508, 90.0967, 107.9424



72.9869, 78.0590, 105.8278



18.5192, 20.4100, 23.2134



27.2259, 39.3614, 55.5971



2.6612, 3.8531, 5.4167

Inverse Universe

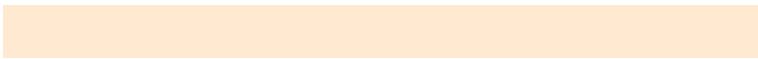
The Inverse Universe completely reimagines the original color for something new.



81.9313, 74.0183, 103.7389



79.4956, 69.2029, 102.7545



81.8222, 84.0101, 72.2264



18.7747, 18.2932, 22.6968



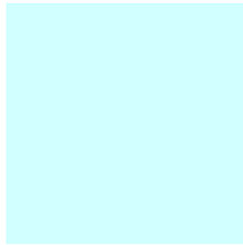
30.5306, 14.7015, 48.3059



2.9779, 1.4335, 4.7308

Previews

White Background



This preview shows how the XYZ color 79.7863, 91.6589, 108.0945 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 79.7863, 91.6589, 108.0945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

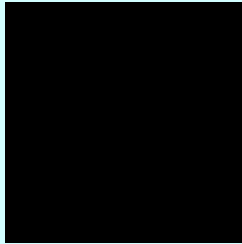
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

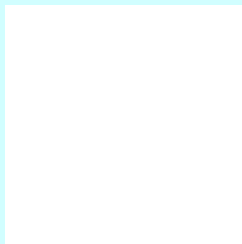
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7863, 91.6589, 108.0945

Background



This preview shows how black text looks on a background with the XYZ color 79.7863, 91.6589, 108.0945.

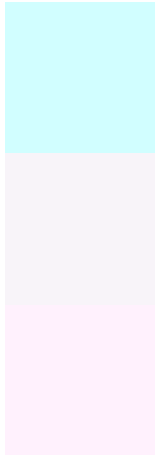


This preview shows how white text looks on a background with the XYZ color 79.7863, 91.6589,

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

79.7863, 91.6589, 108.0945

Protanopia

88.1610, 91.4974, 102.6367

Deuteranopia

90.4249, 91.2624, 105.7780



Tritanopia

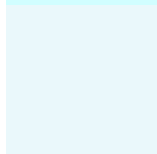
85.2424, 91.2340, 107.7249

Trichromacy



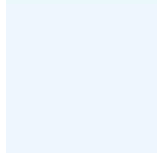
Original Color

79.7863, 91.6589, 108.0945



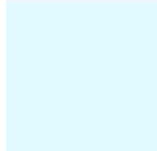
Protanomaly

84.9117, 91.5923, 104.4705



Deuteranomaly

86.1051, 91.2444, 106.8396



Tritanomaly

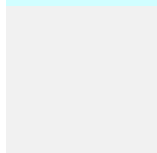
83.2869, 91.5988, 107.8984

Monochromacy



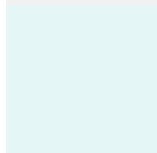
Original Color

79.7863, 91.6589, 108.0945



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.9034, 89.2234, 100.0938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7863, 91.6589, 108.0945 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(209, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 254, 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(209, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.7863, 91.6589, 108.0945 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(209, 254, 255) }
```


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

```
.border{ border-color:rgb(209, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7863, 91.6589, 108.0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 254, 255) }
```

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

```
.background{ background-color: rgb(209,  
254, 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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