

Converting Colors

XYZ(79.0666, 91.8476,
104.2067)

Have a look what the booklet for
XYZ(79.0666, 91.8476, 104.2067)
contains.

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Color

**XYZ(79.0277, 91.8320,
104.0026)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FFFA
RGB	208, 255, 250
RGB Percent	82%, 100%, 98%
CMY	0.1843, 0.0000, 0.0196
CMYK	0.18, 0.00, 0.02, 0.00
HSL	174°, 100%, 91%
HSV	174°, 18%, 100%
XYZ	79.0277, 91.8320, 104.0026
YIQ	240.3770, -26.4070, -11.5190

Conversions

Conversions Part 2

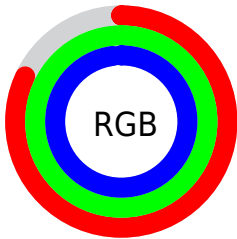
Format	Color
R _Y B	208, 233, 255
Decimal	13697018
CIE Lab	96.75, -15.83, -2.57
CIE LCh	97, 16.040, 189.208
Yxy	91.8320, 0.2875, 0.3341
Android (android.graphics.Color)	4291887098 (0xFFD0FFFA)
YUV	240.3770, 4.7441, -28.3946
Hunter-Lab	95.8290, -20.4965, 2.7333

Details

The XYZ color **79.0277, 91.8320, 104.0026** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.8068, 71.1770, 72.6943**, and the grayscale version is **83.0983, 87.4259, 95.2068**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0686, 51.0555, 58.6237** is the 20% darker color. If you saturate the color by 10%, you get **72.0035, 88.2597, 101.4712**, and if you desaturate by 10%, it is **87.2126, 96.0019, 106.6232**.

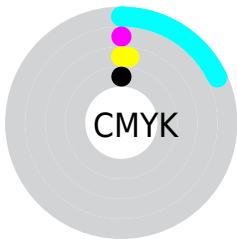
Distribution



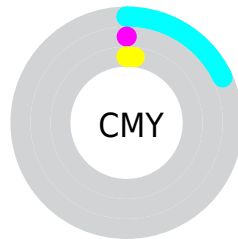
- Red (82%)
- Green (100%)
- Blue (98%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0277, 91.8320, 104.0026 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 79.0277, 91.8320, 104.0026 by changing the saturation by 10% instead.

79.0277, 91.8320,
104.0026

79.0277, 91.8320,
104.0026

480.4366,
533.9724, 594.3065

59.2243, 69.5011,
79.0120

130.9556,
149.8805, 168.7466

43.0408, 51.1199,
58.3843

163.8108,
186.3669, 209.3370

30.1118, 36.3040,
41.7009

201.7472,
228.3407, 255.9645

20.0719, 24.6691,
28.5434

245.1304,
276.1861, 309.0476

12.5559, 15.8307,
18.4931

294.3255,
330.2875, 369.0048

7.1983, 9.4044,
11.1315

349.6981,

3.6339, 5.0059,

391.0295, 436.2546

6.0400

411.6133,
458.7963, 511.2157

■ 1.4972, 2.2507,
2.8003

■ 0.3239, 0.7474,
0.9936

■ 79.0277, 91.8320,
104.0026

■ 79.0277, 91.8320,
104.0026

■ 72.0035, 88.2597,
101.4712

■ 87.2126, 96.0019,
106.6232

■ 66.0821, 85.2552,
99.0217

95.0500, 100.0000,
108.9000

■ 61.2050, 82.7883,
96.6527

■ 57.3069, 80.8254,
94.3611

■ 54.3155, 79.3293,
92.1434

■ 52.1482, 78.2573,
89.9954

■ 50.7074, 77.5591,
87.9126

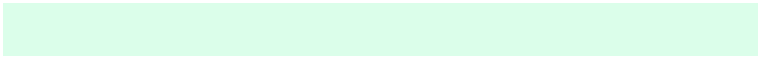
■ 49.8562, 77.1643,
85.8883

■ 49.7470, 77.1148,
85.5746

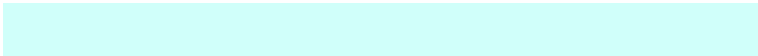
Harmonies

Analogous

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



79.4510, 91.8320, 91.4585



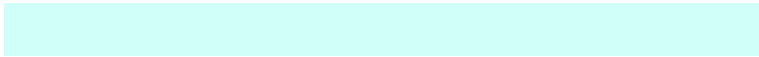
79.0277, 91.8320, 104.0026



80.7570, 91.8320, 116.4654

Triad

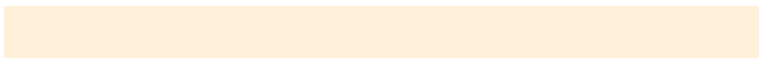
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0277, 91.8320, 104.0026



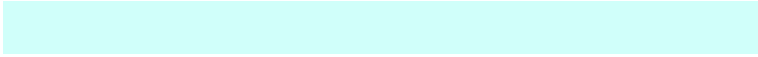
92.8614, 91.8320, 120.4196



90.3874, 91.8320, 78.5898

Complementary

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



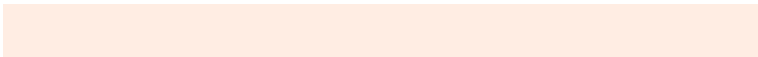
79.0277, 91.8320, 104.0026



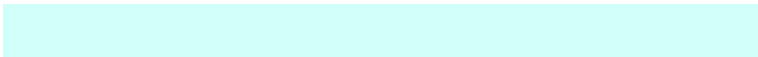
75.8068, 71.1770, 72.6943

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.



94.1527, 91.8320, 85.1456



79.0277, 91.8320, 104.0026



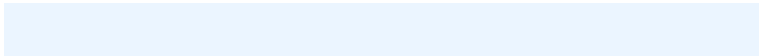
95.6147, 91.8320, 109.0350

Square

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



79.0277, 91.8320, 104.0026



88.6738, 91.8320, 126.4648



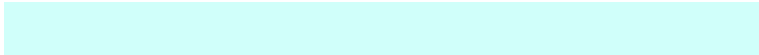
96.0953, 91.8320, 96.0809



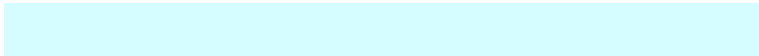
85.9079, 91.8320, 77.4938

Rectangle

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



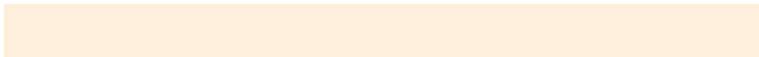
79.0277, 91.8320, 104.0026



82.9338, 91.8320, 122.7935



96.0953, 91.8320, 96.0809



91.7828, 91.8320, 80.1994

Sweetspot

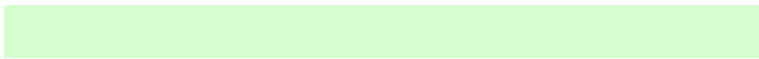
The Sweet Spot groups the original color and five complimentary colors.



79.0287, 91.8325, 104.0041



89.3825, 97.1084, 107.2731



74.7271, 90.2930, 73.1658



19.0052, 20.7208, 22.9234



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

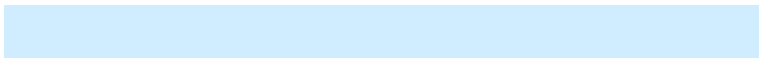
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0287, 91.8325, 104.0041



76.3908, 90.4901, 103.0902



74.3427, 81.1895, 106.3606



18.4667, 20.4462, 22.7606



26.0275, 40.3076, 44.8917



2.5571, 3.9338, 4.4915

Inverse Universe

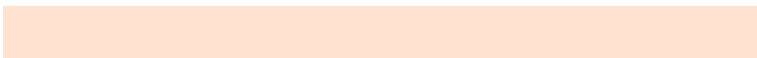
The Inverse Universe completely reimagines the original color for something new.



75.8068, 71.1770, 72.6943



72.6437, 66.4622, 66.6728



79.8267, 80.2167, 70.9521



18.0879, 18.0185, 19.0799



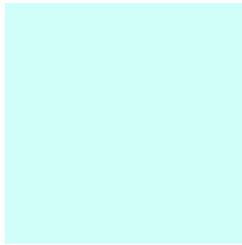
21.6781, 11.1605, 1.6894



2.1353, 1.0965, 0.2938

Previews

White Background



This preview shows how the XYZ color 79.0277, 91.8320, 104.0026 looks on a white background.

Color Contrast Check

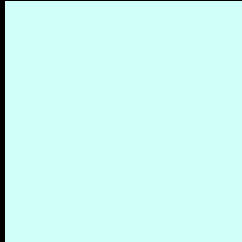
Large Text (above 18pt) WCAG AA × Fail

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 79.0277, 91.8320, 104.0026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

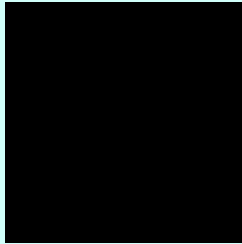
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

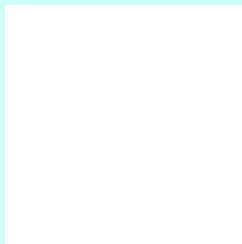
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0277, 91.8320, 104.0026

Background



This preview shows how black text looks on a background with the XYZ color 79.0277, 91.8320, 104.0026.

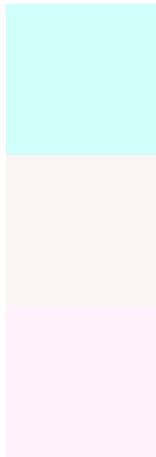


This preview shows how white text looks on a background with the XYZ color 79.0277, 91.8320,

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

79.0277, 91.8320, 104.0026

Protanopia

88.1042, 91.5570, 98.6166

Deuteranopia

89.7942, 91.0101, 102.4566



Tritanopia

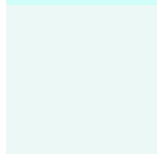
85.2424, 91.2340, 107.7249

Trichromacy



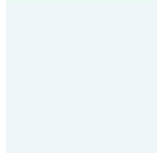
Original Color

79.0277, 91.8320, 104.0026



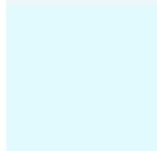
Protanomaly

84.4629, 91.4508, 100.3889



Deuteranomaly

85.3145, 90.9282, 102.6769



Tritanomaly

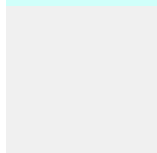
82.9666, 91.4706, 106.2113

Monochromacy



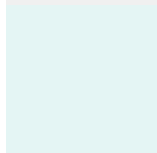
Original Color

79.0277, 91.8320, 104.0026



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

80.9765, 88.3304, 98.3695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0277, 91.8320, 104.0026 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(208, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 250)  
}
```

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(208, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.0277, 91.8320, 104.0026 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(208, 255, 250) }
```


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

```
.border{ border-color:rgb(208, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0277, 91.8320, 104.0026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 250) }
```

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

```
.background{ background-color: rgb(208,  
255, 250) }
```

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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