

Converting Colors

XYZ(80.5360, 91.3721,
111.1074)

Have a look what the booklet for
XYZ(80.5360, 91.3721, 111.1074)
contains.

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Color

**XYZ(80.0392, 91.3194,
108.0156)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FDFF
RGB	211, 253, 255
RGB Percent	83%, 99%, 100%
CMY	0.1725, 0.0078, 0.0000
CMYK	0.17, 0.01, 0.00, 0.00
HSL	183°, 100%, 91%
HSV	183°, 17%, 100%
XYZ	80.0392, 91.3194, 108.0156
YIQ	240.6700, -25.6740, -8.2820

Conversions

Conversions Part 2

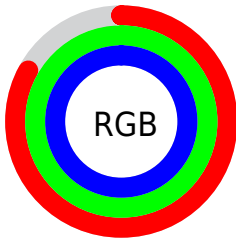
Format	Color
R _Y B	211, 232, 255
Decimal	13893119
CIE Lab	96.54, -12.93, -5.43
CIE LCh	97, 14.024, 202.783
Yxy	91.3194, 0.2865, 0.3269
Android (android.graphics.Color)	4292083199 (0xFFD3FDFF)
YUV	240.6700, 7.0647, -26.0206
Hunter-Lab	95.5612, -17.7258, -0.1244

Details

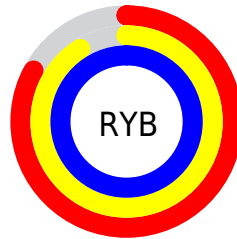
The XYZ color **80.0392, 91.3194, 108.0156** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.7918, 73.5504, 71.7789**, and the grayscale version is **83.3124, 87.6511, 95.4521**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6433, 50.6250, 60.8974** is the 20% darker color. If you saturate the color by 10%, you get **72.9420, 87.1229, 107.5797**, and if you desaturate by 10%, it is **88.3022, 96.1251, 108.5077**.

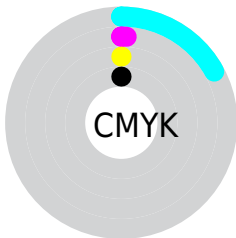
Distribution



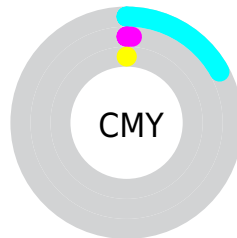
- Red (83%)
- Green (99%)
- Blue (100%)



- Red (83%)
- Yellow (91%)
- Blue (100%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.0392, 91.3194, 108.0156 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 80.0392, 91.3194, 108.0156 by changing the saturation by 10% instead.


 80.0392, 91.3194,
108.0156

 80.0392, 91.3194,
108.0156


483.7995,
532.3135, 607.0618

 60.0592, 69.0755,
82.3573


132.3711,
149.1697, 174.2772

 43.7160, 50.7732,
61.1225

165.4537,
185.5450, 215.7176

 30.6442, 36.0281,
43.8929


203.6345,
227.3994, 263.2557

 20.4786, 24.4559,
30.2497

247.2789,
275.1174, 317.3102

 12.8537, 15.6722,
19.7746

296.7522,
329.0834, 378.2995

 7.4042, 9.2925,
12.0488

352.4198,

 3.7647, 4.9324,

389.6819, 446.6421

6.6540

414.6471,
457.2971, 522.7567

■ 1.5699, 2.2077,
3.1715

■ 0.3727, 0.7242,
1.1829

■ 80.0392, 91.3194,
108.0156

■ 80.0392, 91.3194,
108.0156

■ 72.9420, 87.1229,
107.5797

■ 88.3022, 96.1251,
108.5077

■ 66.9490, 83.4964,
107.1956

95.0500, 100.0000,
108.9000

■ 62.0036, 80.4133,
106.8611

■ 58.0415, 77.8404,
106.5733

■ 54.9912, 75.7407,
106.3288

■ 52.7716, 74.0726,
106.1238

■ 51.2872, 72.7867,
105.9539

■ 50.4149, 71.8197,
105.8132

■ 50.2319, 71.5838,
105.7773

Harmonies

Analogous

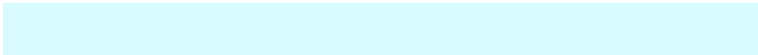
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5403, 91.3194, 96.7473



80.0392, 91.3194, 108.0156



82.3224, 91.3194, 117.6069

Triad

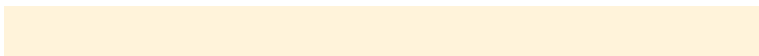
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0392, 91.3194, 108.0156



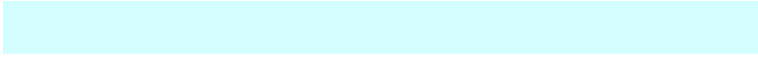
92.9302, 91.3194, 113.0495



87.7455, 91.3194, 79.5399

Complementary

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



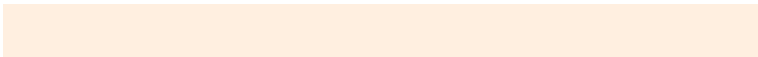
80.0392, 91.3194, 108.0156



76.7918, 73.5504, 71.7789

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.



91.4296, 91.3194, 83.2320



80.0392, 91.3194, 108.0156



94.4808, 91.3194, 102.1645

Square

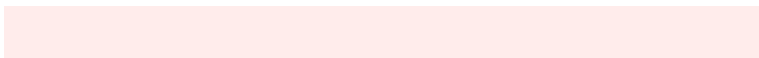
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.0392, 91.3194, 108.0156



89.7441, 91.3194, 120.6623



93.9235, 91.3194, 91.3143



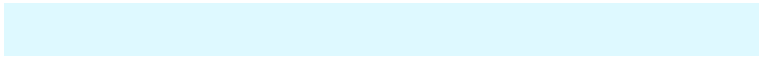
83.9138, 91.3194, 80.8493

Rectangle

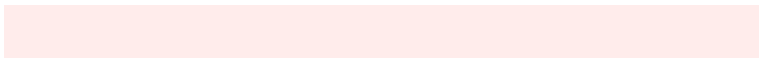
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



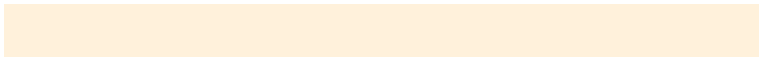
80.0392, 91.3194, 108.0156



84.5871, 91.3194, 121.4787



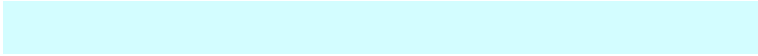
93.9235, 91.3194, 91.3143



89.0437, 91.3194, 80.2272

Sweetspot

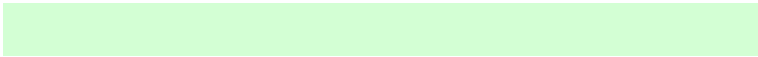
The Sweet Spot groups the original color and five complimentary colors.



80.0416, 91.3231, 108.0162



90.3297, 97.2932, 108.6263



74.5676, 90.1464, 76.0679



19.1975, 20.7461, 23.2425



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

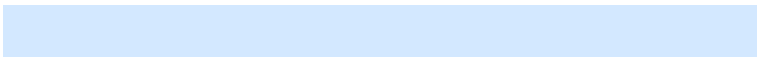
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0416, 91.3231, 108.0162



77.2489, 89.6806, 107.8464



73.6405, 78.5208, 105.8825



18.4801, 20.3319, 23.2004



26.2782, 37.4660, 55.2812



2.5796, 3.6898, 5.3895

Inverse Universe

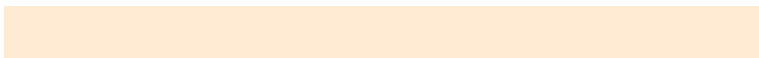
The Inverse Universe completely reimagines the original color for something new.



82.2653, 74.9419, 103.0622



79.8932, 70.3080, 101.9314



82.5544, 85.0756, 73.6998



18.7550, 18.2853, 22.5929



30.0522, 14.5102, 45.7870



2.9367, 1.4170, 4.5138

Previews

White Background



This preview shows how the XYZ color 80.0392, 91.3194, 108.0156 looks on a white background.

Color Contrast Check

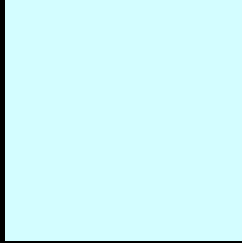
Large Text (above 18pt) WCAG AA × Fail

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 80.0392, 91.3194, 108.0156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

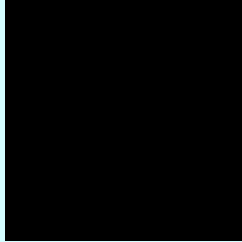
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.0392, 91.3194, 108.0156

Background



This preview shows how black text looks on a background with the XYZ color 80.0392, 91.3194, 108.0156.

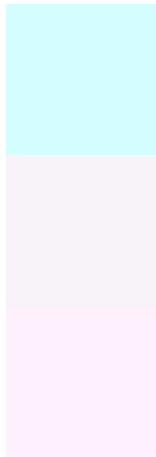


This preview shows how white text looks on a background with the XYZ color 80.0392, 91.3194,

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

80.0392, 91.3194, 108.0156

Protanopia

87.5072, 90.7149, 102.5201

Deuteranopia

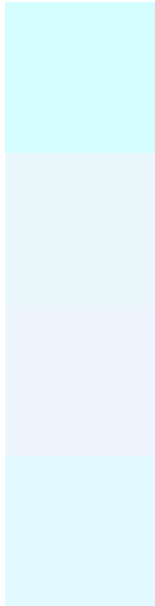
90.1297, 90.6720, 105.6796



Tritanopia

84.9150, 91.0652, 107.7096

Trichromacy



Original Color

80.0392, 91.3194, 108.0156

Protanomaly

84.6050, 90.9790, 104.3683

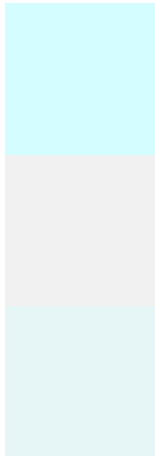
Deuteranomaly

86.1384, 90.8113, 106.7543

Tritanomaly

82.9770, 90.9789, 107.7951

Monochromacy



Original Color

80.0392, 91.3194, 108.0156

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

81.9201, 88.7816, 100.0077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0392, 91.3194, 108.0156 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(211, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 253, 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(211, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 80.0392, 91.3194, 108.0156 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(211, 253, 255) }
```


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

```
.border{ border-color:rgb(211, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0392, 91.3194, 108.0156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 253, 255) }
```

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

```
.background{ background-color: rgb(211,  
253, 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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