

Converting Colors

XYZ(81.1396, 91.7180,
109.9788)

Have a look what the booklet for
XYZ(81.1396, 91.7180, 109.9788)
contains.

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Color

**XYZ(80.9068, 91.7667,
108.0562)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FDFF
RGB	214, 253, 255
RGB Percent	84%, 99%, 100%
CMY	0.1608, 0.0078, 0.0000
CMYK	0.16, 0.01, 0.00, 0.00
HSL	183°, 100%, 92%
HSV	183°, 16%, 100%
XYZ	80.9068, 91.7667, 108.0562
YIQ	241.5670, -23.8860, -7.6460

Conversions

Conversions Part 2

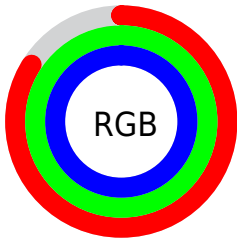
Format	Color
R _Y B	214, 234, 255
Decimal	14089727
CIE Lab	96.72, -12.02, -5.14
CIE LCh	97, 13.073, 203.149
Yxy	91.7667, 0.2882, 0.3269
Android (android.graphics.Color)	4292279807 (0xFFD6FDFF)
YUV	241.5670, 6.6225, -24.1763
Hunter-Lab	95.7949, -16.8830, 0.1776

Details

The XYZ color **80.9068, 91.7667, 108.0562** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.9330, 75.2254, 74.0323**, and the grayscale version is **84.0209, 88.3965, 96.2638**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2310, 50.9280, 60.9249** is the 20% darker color. If you saturate the color by 10%, you get **73.6495, 87.4483, 107.6052**, and if you desaturate by 10%, it is **89.3364, 96.6981, 108.5638**.

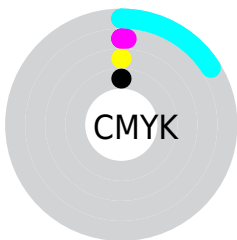
Distribution



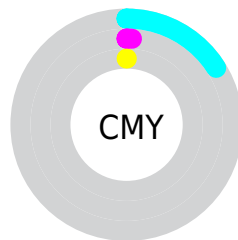
- Red (84%)
- Green (99%)
- Blue (100%)



- Red (84%)
- Yellow (92%)
- Blue (100%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9068, 91.7667, 108.0562 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 80.9068, 91.7667, 108.0562 by changing the saturation by 10% instead.

 80.9068, 91.7667,
108.0562

 80.9068, 91.7667,
108.0562


486.6737,
533.7613, 607.1901

 60.7759, 69.4469,
82.3912


133.5837,
149.7900, 174.3331

 44.2962, 51.0757,
61.1503


166.8605,
186.2623, 215.7820

 31.1023, 36.2689,
43.9151

205.2498,
228.2208, 263.3293

 20.8290, 24.6419,
30.2671

249.1172,
276.0500, 317.3935

 13.1108, 15.8105,
19.7876

298.8279,
330.1342, 378.3931

 7.5824, 9.3901,
12.0582

354.7473,

 3.8785, 4.9965,

390.8579, 446.7467

6.6603

417.2408,
458.6055, 522.8729

■ 1.6336, 2.2452,
3.1754

■ 0.4142, 0.7445,
1.1849

■ 80.9068, 91.7667,
108.0562

■ 80.9068, 91.7667,
108.0562

■ 73.6495, 87.4483,
107.6052

■ 89.3364, 96.6981,
108.5638

■ 67.5034, 83.7040,
107.2064

95.0500, 100.0000,
108.9000

■ 62.4124, 80.5075,
106.8578

■ 58.3129, 77.8258,
106.5562

■ 55.1344, 75.6227,
106.2985

■ 52.7970, 73.8570,
106.0809

■ 51.2075, 72.4805,
105.8990

■ 50.2497, 71.4335,
105.7473

■ 49.9789, 71.0779,
105.6930

Harmonies

Analogous

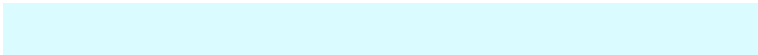
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4165, 91.7667, 97.5322



80.9068, 91.7667, 108.0562



83.0669, 91.7667, 116.9367

Triad

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



80.9068, 91.7667, 108.0562



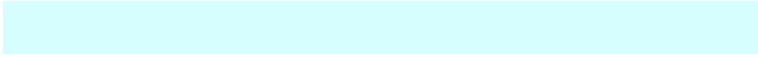
92.9773, 91.7667, 112.5054



88.0641, 91.7667, 81.2065

Complementary

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



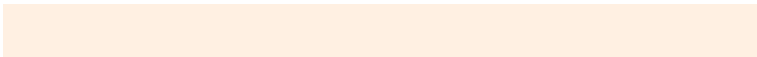
80.9068, 91.7667, 108.0562



77.9330, 75.2254, 74.0323

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.



91.5124, 91.7667, 84.6369



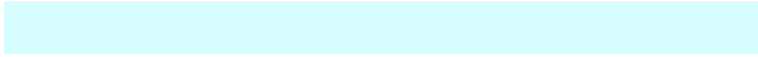
80.9068, 91.7667, 108.0562



94.4000, 91.7667, 102.3431

Square

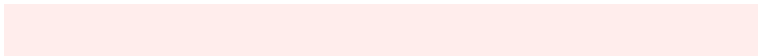
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



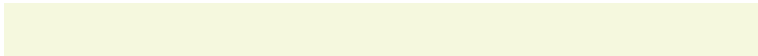
80.9068, 91.7667, 108.0562



90.0185, 91.7667, 119.6283



93.8565, 91.7667, 92.1997



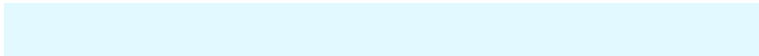
84.4830, 91.7667, 82.5017

Rectangle

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



80.9068, 91.7667, 108.0562



85.1964, 91.7667, 120.4845



93.8565, 91.7667, 92.1997



89.2784, 91.7667, 81.8367

Sweetspot

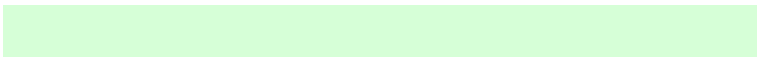
The Sweet Spot groups the original color and five complimentary colors.



80.9092, 91.7704, 108.0568



90.3162, 97.2663, 108.6218



75.8055, 90.7418, 78.0584



19.1943, 20.7395, 23.2414



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

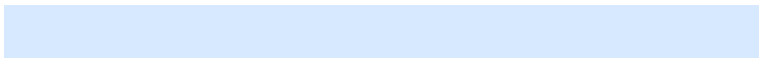
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9092, 91.7704, 108.0568



78.6691, 90.4458, 107.9192



74.9593, 79.8706, 106.0735



18.4747, 20.3210, 23.1986



26.1482, 37.2059, 55.2379



2.5683, 3.6674, 5.3858

Inverse Universe

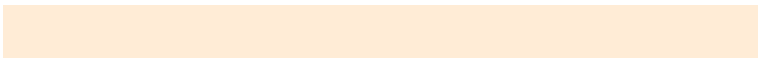
The Inverse Universe completely reimagines the original color for something new.



83.0176, 76.4465, 103.3131



81.1167, 72.7370, 102.3947



83.3353, 86.0299, 75.8331



18.7522, 18.2842, 22.5784



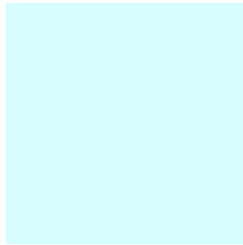
29.9866, 14.4839, 45.4413



2.9310, 1.4148, 4.4840

Previews

White Background



This preview shows how the XYZ color 80.9068, 91.7667, 108.0562 looks on a white background.

Color Contrast Check

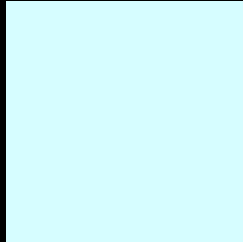
Large Text (above 18pt) WCAG AA × Fail

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 80.9068, 91.7667, 108.0562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

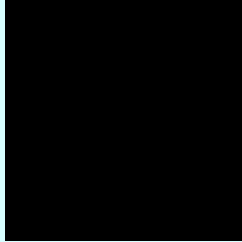
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.9068, 91.7667, 108.0562

Background



This preview shows how black text looks on a background with the XYZ color 80.9068, 91.7667, 108.0562.

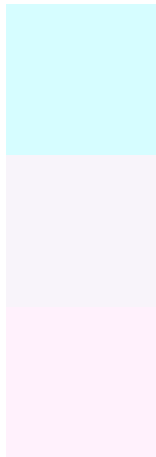


This preview shows how white text looks on a background with the XYZ color 80.9068, 91.7667,

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

80.9068, 91.7667, 108.0562

Protanopia

88.3174, 91.5600, 103.4605

Deuteranopia

90.2660, 91.1989, 104.9411



Tritanopia

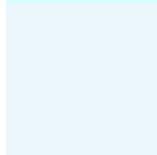
85.5717, 91.4037, 107.7403

Trichromacy



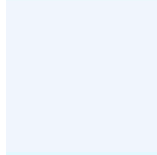
Original Color

80.9068, 91.7667, 108.0562



Protanomaly

85.4235, 91.3827, 105.2318



Deuteranomaly

86.3172, 90.9219, 105.9288



Tritanomaly

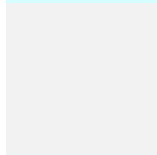
83.6042, 91.3023, 107.8244

Monochromacy



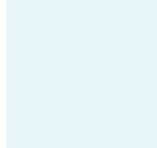
Original Color

80.9068, 91.7667, 108.0562



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

83.0230, 89.7827, 100.9497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9068, 91.7667, 108.0562 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, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 80.9068, 91.7667, 108.0562 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, 253, 255) }
```


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

```
.border{ border-color:rgb(214, 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(214, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9068, 91.7667, 108.0562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 253, 255) }
```

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

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