

Converting Colors

XYZ(80.6253, 92.0517,
111.2450)

Have a look what the booklet for
XYZ(80.6253, 92.0517, 111.2450)
contains.

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Color

**XYZ(80.0702, 91.8053,
108.1078)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FEFF
RGB	210, 254, 255
RGB Percent	82%, 100%, 100%
CMY	0.1765, 0.0039, 0.0000
CMYK	0.18, 0.00, 0.00, 0.00
HSL	181°, 100%, 91%
HSV	181°, 18%, 100%
XYZ	80.0702, 91.8053, 108.1078
YIQ	240.9580, -26.5450, -9.0170

Conversions

Conversions Part 2

Format	Color
R_{YB}	210, 232, 255
Decimal	13827839
CIE _{Lab}	96.74, -13.73, -5.14
CIE _{LCh}	97, 14.660, 200.541
Yxy	91.8053, 0.2860, 0.3279
Android (android.graphics.Color)	4292017919 (0xFFD2FEFF)
YUV	240.9580, 6.9227, -27.1502
Hunter-Lab	95.8151, -18.5085, 0.1739

Details

The XYZ color **80.0702, 91.8053, 108.1078** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1668, 72.5006, 70.9541**, and the grayscale version is **83.5404, 87.8910, 95.7133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6769, 50.9783, 60.9639** is the 20% darker color. If you saturate the color by 10%, you get **73.2026, 88.0022, 107.7357**, and if you desaturate by 10%, it is **88.0998, 96.2131, 108.5354**.

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 80.0702, 91.8053, 108.1078 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 80.0702, 91.8053, 108.1078 by changing the saturation by 10% instead.

80.0702, 91.8053,
108.1078

80.0702, 91.8053,
108.1078

483.9023,
533.8861, 607.3532

60.0848, 69.4789,
82.4342

132.4144,
149.8435, 174.4041

43.7367, 51.1018,
61.1856

165.5040,
186.3241, 215.8638

30.6606, 36.2897,
43.9435

203.6922,
228.2916, 263.4227

20.4911, 24.6580,
30.2892

247.3446,
276.1304, 317.4993

12.8629, 15.8224,
19.8043

296.8265,
330.2249, 378.5121

7.4105, 9.3986,
12.0702

352.5031,

3.7687, 5.0021,

390.9593, 446.8796

6.6684

414.7400,
458.7183, 523.0205

■ 1.5721, 2.2485,
3.1803

■ 0.3742, 0.7462,
1.1874

■ 80.0702, 91.8053,
108.1078

■ 80.0702, 91.8053,
108.1078

■ 73.2026, 88.0022,
107.7357

■ 88.0998, 96.2131,
108.5354

■ 67.4353, 84.7646,
107.4147

95.0500, 100.0000,
108.9000

■ 62.7115, 82.0657,
107.1428

■ 58.9667, 79.8723,
106.9168

■ 56.1290, 78.1474,
106.7334

■ 54.1169, 76.8488,
106.5888

■ 52.8343, 75.9271,
106.4785

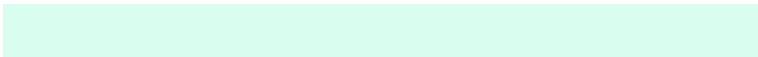
■ 52.1541, 75.3167,
106.3965

■ 52.0379, 75.1957,
106.3793

Harmonies

Analogous

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



79.6981, 91.8053, 96.2894



80.0702, 91.8053, 108.1078



82.3350, 91.8053, 118.4585

Triad

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



80.0702, 91.8053, 108.1078



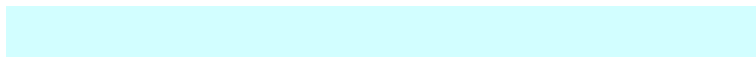
93.4984, 91.8053, 115.0336



88.5624, 91.8053, 79.2699

Complementary

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



80.0702, 91.8053, 108.1078



76.1668, 72.5006, 70.9541

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.



92.3738, 91.8053, 83.4957



80.0702, 91.8053, 108.1078



95.2819, 91.8053, 103.7234

Square

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



80.0702, 91.8053, 108.1078



90.0585, 91.8053, 122.6698



94.8640, 91.8053, 92.2329



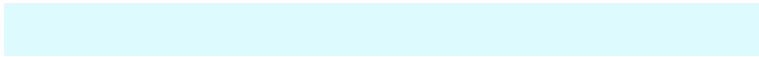
84.5165, 91.8053, 80.2424

Rectangle

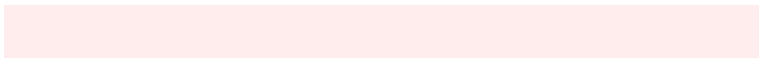
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.0702, 91.8053, 108.1078



84.6538, 91.8053, 122.8373



94.8640, 91.8053, 92.2329



89.9155, 91.8053, 80.1163

Sweetspot

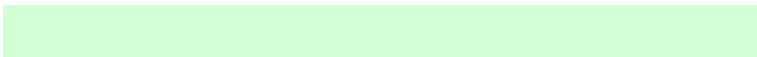
The Sweet Spot groups the original color and five complimentary colors.



80.0726, 91.8090, 108.1084



90.4240, 97.4818, 108.6578



74.0660, 89.9128, 74.9168



19.2206, 20.7921, 23.2502



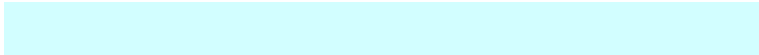
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

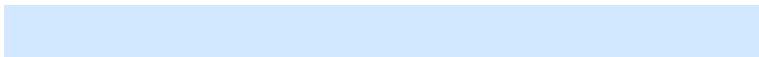
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0726, 91.8090, 108.1084



77.6420, 90.4669, 107.9774



73.4158, 78.4954, 105.8894



18.5184, 20.4084, 23.2131



27.2065, 39.3226, 55.5907



2.6595, 3.8497, 5.4162

Inverse Universe

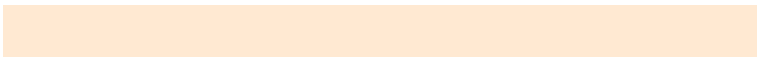
The Inverse Universe completely reimagines the original color for something new.



82.1775, 74.5106, 103.8211



80.0917, 70.3874, 102.9765



82.0833, 84.3335, 72.9263



18.7743, 18.2930, 22.6947



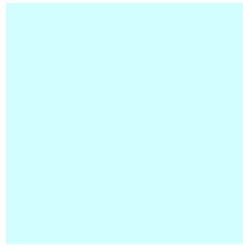
30.5208, 14.6976, 48.2543



2.9770, 1.4332, 4.7263

Previews

White Background



This preview shows how the XYZ color 80.0702, 91.8053, 108.1078 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 80.0702, 91.8053, 108.1078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

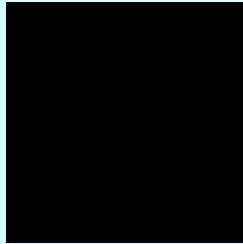
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

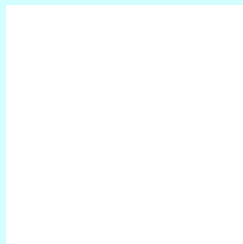
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0702, 91.8053, 108.1078

Background



This preview shows how black text looks on a background with the XYZ color 80.0702, 91.8053, 108.1078.

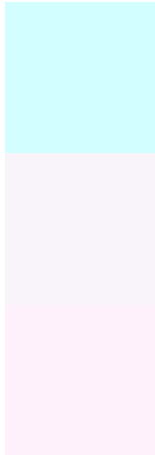


This preview shows how white text looks on a background with the XYZ color 80.0702, 91.8053,

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

80.0702, 91.8053, 108.1078

Protanopia

88.1610, 91.4974, 102.6367

Deuteranopia

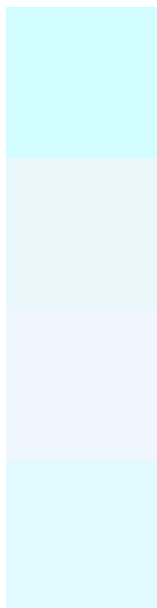
90.2660, 91.1989, 104.9411



Tritanopia

85.2424, 91.2340, 107.7249

Trichromacy



Original Color

80.0702, 91.8053, 108.1078

Protanomaly

84.9117, 91.5923, 104.4705

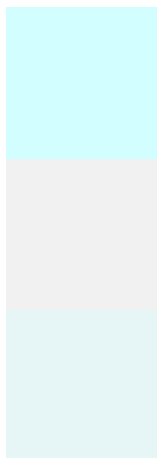
Deuteranomaly

86.2820, 91.3541, 106.0141

Tritanomaly

83.2869, 91.5988, 107.8984

Monochromacy



Original Color

80.0702, 91.8053, 108.1078

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.2234, 89.3883, 100.1088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0702, 91.8053, 108.1078 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(210, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 80.0702, 91.8053, 108.1078 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(210, 254, 255) }
```


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

```
.border{ border-color:rgb(210, 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(210, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0702, 91.8053, 108.1078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 254, 255) }
```

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

```
.background{ background-color: rgb(210,  
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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