

Converting Colors

XYZ(79.9328, 92.3140,
103.3501)

Have a look what the booklet for
XYZ(79.9328, 92.3140, 103.3501)
contains.

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Color

**XYZ(80.0103, 92.3566,
103.2321)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FFF9
RGB	212, 255, 249
RGB Percent	83%, 100%, 98%
CMY	0.1686, 0.0000, 0.0235
CMYK	0.17, 0.00, 0.02, 0.00
HSL	172°, 100%, 92%
HSV	172°, 17%, 100%
XYZ	80.0103, 92.3566, 103.2321
YIQ	241.4590, -23.7020, -10.9820

Conversions

Conversions Part 2

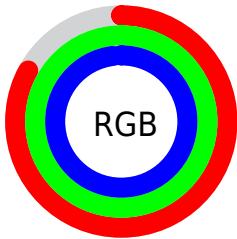
Format	Color
R_{YB}	212, 235, 255
Decimal	13959161
CIE _{Lab}	96.97, -14.82, -1.71
CIE _{LCh}	97, 14.915, 186.582
Yxy	92.3566, 0.2903, 0.3351
Android (android.graphics.Color)	4292149241 (0xFFD4FFF9)
YUV	241.4590, 3.7177, -25.8355
Hunter-Lab	96.1023, -19.5684, 3.5830

Details

The XYZ color **80.0103, 92.3566, 103.2321** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.4391, 73.4103, 76.4184**, and the grayscale version is **83.9555, 88.3277, 96.1889**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7244, 51.4065, 58.0700** is the 20% darker color. If you saturate the color by 10%, you get **72.6814, 88.6419, 100.0212**, and if you desaturate by 10%, it is **88.5125, 96.6749, 106.5557**.

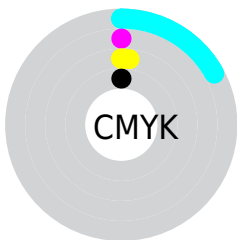
Distribution



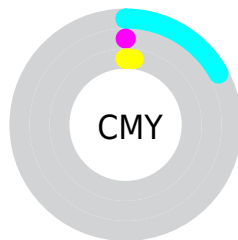
- Red (83%)
- Green (100%)
- Blue (98%)



- Red (83%)
- Yellow (92%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.0103, 92.3566, 103.2321 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 80.0103, 92.3566, 103.2321 by changing the saturation by 10% instead.

 80.0103, 92.3566,
103.2321

 80.0103, 92.3566,
103.2321


483.7036,
535.6673, 591.8411

 60.0353, 69.9369,
78.3707


132.3307,
150.6075, 167.6823

 43.6967, 51.4751,
57.8603


165.4068,
187.2075, 208.1081

 30.6290, 36.5868,
41.2824


203.5806,
229.3030, 254.5591

 20.4669, 24.8877,
28.2184

247.2176,
277.2784, 307.4538

 12.8452, 15.9934,
18.2499

296.6830,
331.5182, 367.2109

 7.3983, 9.5195,
10.9583

352.3422,

 3.7609, 5.0816,

392.4067, 434.2487

5.9250

414.5606,
460.3282, 508.9859

■ 1.5678, 2.2952,
2.7314

■ 0.3713, 0.7712,
0.9592

■ 80.0103, 92.3566,
103.2321

■ 80.0103, 92.3566,
103.2321

■ 72.6814, 88.6419,
100.0212

■ 88.5125, 96.6749,
106.5557

■ 66.4685, 85.5014,
96.9157

95.0500, 100.0000,
108.9000

■ 61.3139, 82.9051,
93.9139

■ 57.1533, 80.8202,
91.0126

■ 53.9155, 79.2098,
88.2081

■ 51.5199, 78.0323,
85.4963

■ 49.8716, 77.2390,
82.8726

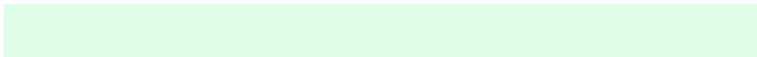
■ 48.8505, 76.7678,
80.3309

■ 48.6025, 76.6570,
79.5475

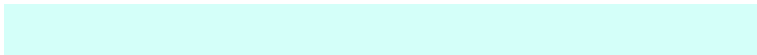
Harmonies

Analogous

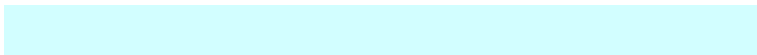
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5863, 92.3566, 91.6559



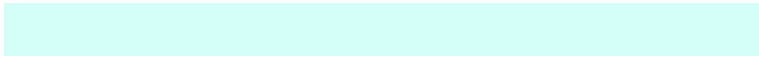
80.0103, 92.3566, 103.2321



81.4629, 92.3566, 114.9666

Triad

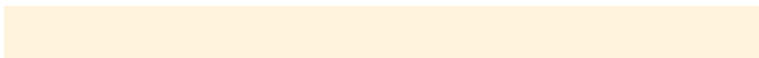
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0103, 92.3566, 103.2321



92.6779, 92.3566, 120.2753



91.0272, 92.3566, 80.8166

Complementary

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



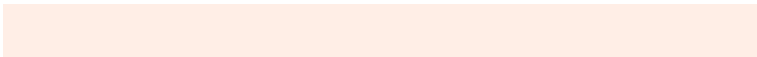
80.0103, 92.3566, 103.2321



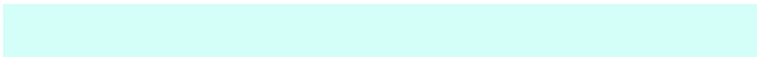
77.4391, 73.4103, 76.4184

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.



94.4201, 92.3566, 87.4114



80.0103, 92.3566, 103.2321



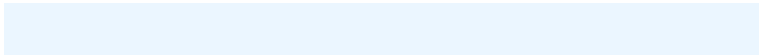
95.3942, 92.3566, 110.0242

Square

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



80.0103, 92.3566, 103.2321



88.7101, 92.3566, 125.3000



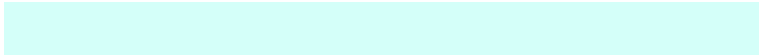
96.0417, 92.3566, 97.9357



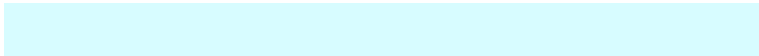
86.8608, 92.3566, 79.3128

Rectangle

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



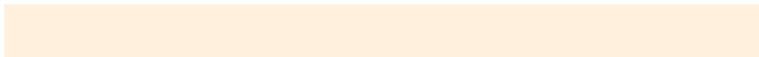
80.0103, 92.3566, 103.2321



83.4142, 92.3566, 121.1017



96.0417, 92.3566, 97.9357



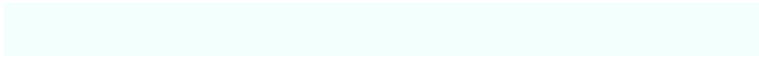
92.3000, 92.3566, 82.4845

Sweetspot

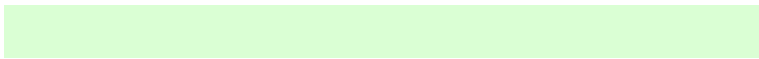
The Sweet Spot groups the original color and five complimentary colors.



80.0113, 92.3571, 103.2336



90.2287, 97.5475, 107.1865



76.6929, 91.2488, 75.8597



19.1729, 20.8081, 22.8913



0.0000, 0.0000, 0.0000



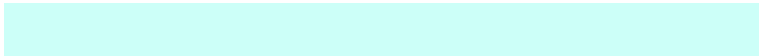
20.3446, 21.4041, 23.3091

Same Dimension

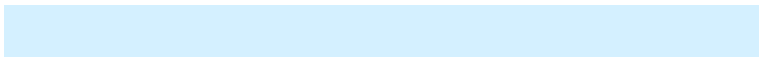
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0113, 92.3571, 103.2336



77.5873, 91.1276, 102.2138



76.3478, 83.5087, 106.7026



18.4394, 20.4353, 22.6171



25.4378, 40.0717, 41.7864



2.5055, 3.9131, 4.2197

Inverse Universe

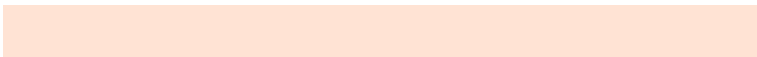
The Inverse Universe completely reimagines the original color for something new.



77.4391, 73.4103, 76.4184



74.6051, 69.1546, 71.1195



80.6072, 80.9800, 73.6713



18.1126, 18.0283, 19.2099



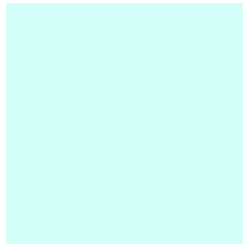
21.7429, 11.1865, 2.0308



2.1469, 1.1011, 0.3548

Previews

White Background



This preview shows how the XYZ color 80.0103, 92.3566, 103.2321 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 80.0103, 92.3566, 103.2321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

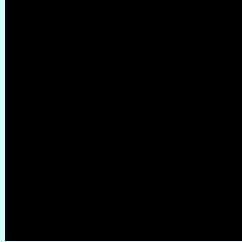
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

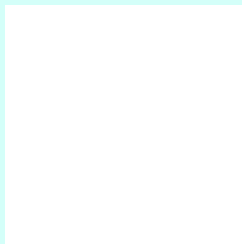
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0103, 92.3566, 103.2321

Background



This preview shows how black text looks on a background with the XYZ color 80.0103, 92.3566, 103.2321.

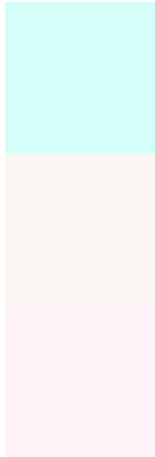


This preview shows how white text looks on a background with the XYZ color 80.0103, 92.3566,

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

80.0103, 92.3566, 103.2321

Protanopia

88.6137, 92.2851, 97.9364

Deuteranopia

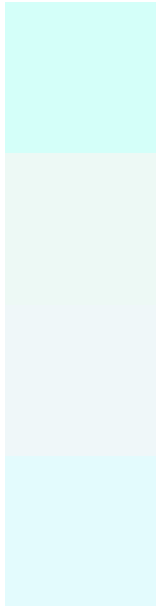
90.3895, 92.2007, 102.6550



Tritanopia

86.2095, 92.1877, 107.8580

Trichromacy



Original Color

80.0103, 92.3566, 103.2321

Protanomaly

85.2822, 92.3485, 99.7164

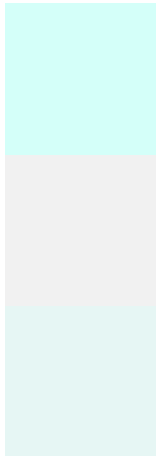
Deuteranomaly

85.9563, 91.7118, 102.7943

Tritanomaly

83.9054, 92.4171, 106.3445

Monochromacy



Original Color

80.0103, 92.3566, 103.2321

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

81.9180, 89.2662, 98.5005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0103, 92.3566, 103.2321 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(212, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 249)  
}
```

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(212, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 80.0103, 92.3566, 103.2321 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(212, 255, 249) }
```


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

```
.border{ border-color:rgb(212, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0103, 92.3566, 103.2321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 249) }
```

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

```
.background{ background-color: rgb(212,  
255, 249) }
```

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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