

Converting Colors

XYZ(81.2518, 94.0196,
100.4281)

Have a look what the booklet for
XYZ(81.2518, 94.0196, 100.4281)
contains.

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Color

**XYZ(80.5603, 92.7115,
100.0353)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FFF5
RGB	216, 255, 245
RGB Percent	85%, 100%, 96%
CMY	0.1529, 0.0000, 0.0392
CMYK	0.15, 0.00, 0.04, 0.00
HSL	165°, 100%, 92%
HSV	165°, 15%, 100%
XYZ	80.5603, 92.7115, 100.0353
YIQ	242.1990, -20.0340, -11.3780

Conversions

Conversions Part 2

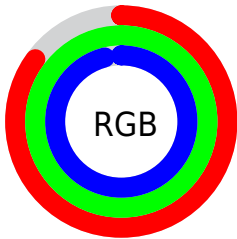
Format	Color
R_{YB}	216, 238, 255
Decimal	14221301
CIE _{Lab}	97.11, -14.36, 0.59
CIE _{LCh}	97, 14.372, 177.652
Yxy	92.7115, 0.2948, 0.3392
Android (android.graphics.Color)	4292411381 (0xFFD8FFF5)
YUV	242.1990, 1.3809, -22.9765
Hunter-Lab	96.2868, -19.1563, 5.8026

Details

The XYZ color **80.5603, 92.7115, 100.0353** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.5239, 75.8638, 82.4035**, and the grayscale version is **84.5560, 88.9595, 96.8769**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0773, 51.6394, 55.7884** is the 20% darker color. If you saturate the color by 10%, you get **72.6217, 88.7323, 94.5464**, and if you desaturate by 10%, it is **89.7050, 97.3084, 105.7677**.

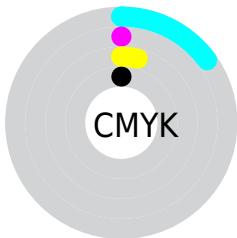
Distribution



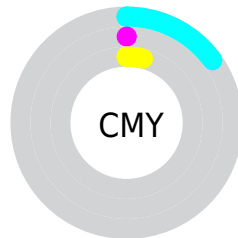
- Red (85%)
- Green (100%)
- Blue (96%)



- Red (85%)
- Yellow (93%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.5603, 92.7115, 100.0353 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 80.5603, 92.7115, 100.0353 by changing the saturation by 10% instead.


 80.5603, 92.7115,
100.0353

 80.5603, 92.7115,
100.0353


485.5269,
536.8123, 581.5535

 60.4896, 70.2317,
75.7130


133.0996,
151.0991, 163.2580

 44.0643, 51.7155,
55.6919


166.2989,
187.7758, 202.9954

 30.9192, 36.7783,
39.5536


204.6051,
229.9535, 248.7083

 20.6889, 25.0359,
26.8796

248.3835,
278.0168, 300.8152

 13.0079, 16.1038,
17.2512

297.9995,
332.3498, 359.7346

 7.5110, 9.5976,
10.2499

353.8186,

 3.8329, 5.1330,

393.3372, 425.8851

5.4572

416.2059,
461.3633, 499.6852

■ 1.6080, 2.3255,
2.4545

■ 0.3976, 0.7872,
0.8159

■ 80.5603, 92.7115,
100.0353

■ 80.5603, 92.7115,
100.0353

■ 72.6217, 88.7323,
94.5464

■ 89.7050, 97.3084,
105.7677

■ 65.8325, 85.3416,
89.2920

95.0500, 100.0000,
108.9000

■ 60.1352, 82.5098,
84.2691

■ 55.4663, 80.2042,
79.4728

■ 51.7555, 78.3886,
74.8977

■ 48.9234, 77.0222,
70.5382

■ 46.8776, 76.0573,
66.3878

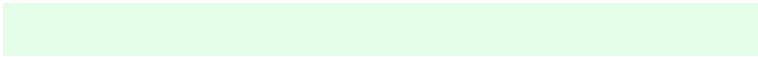
■ 45.5039, 75.4351,
62.4393

■ 45.0132, 75.2213,
60.6465

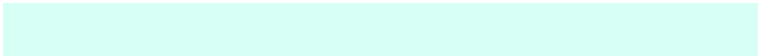
Harmonies

Analogous

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



81.6986, 92.7115, 89.4701



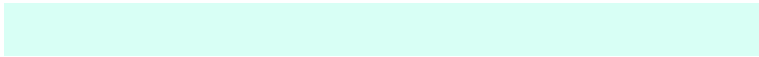
80.5603, 92.7115, 100.0353



81.3954, 92.7115, 111.6630

Triad

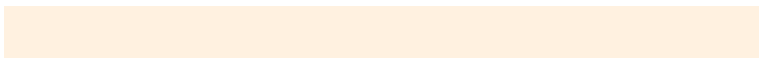
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.5603, 92.7115, 100.0353



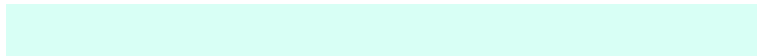
91.7858, 92.7115, 122.0347



92.3553, 92.7115, 83.2420

Complementary

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



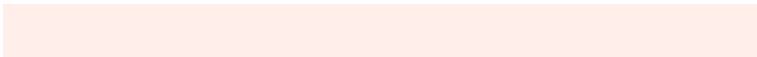
80.5603, 92.7115, 100.0353



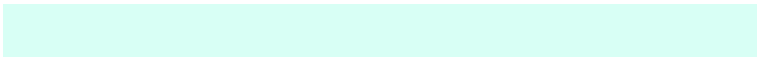
79.5239, 75.8638, 82.4035

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.



95.2041, 92.7115, 90.9396



80.5603, 92.7115, 100.0353



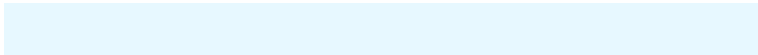
94.8683, 92.7115, 113.3658

Square

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



80.5603, 92.7115, 100.0353



87.8006, 92.7115, 124.9287



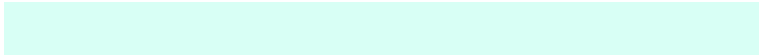
96.1374, 92.7115, 101.8643



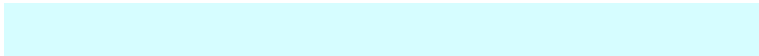
88.4392, 92.7115, 80.2494

Rectangle

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



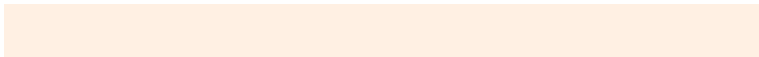
80.5603, 92.7115, 100.0353



82.9735, 92.7115, 118.3562



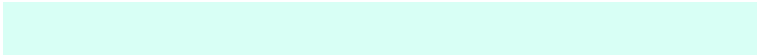
96.1374, 92.7115, 101.8643



93.4740, 92.7115, 85.3347

Sweetspot

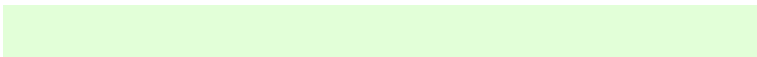
The Sweet Spot groups the original color and five complimentary colors.



80.5612, 92.7119, 100.0368



89.9919, 97.4528, 105.9395



79.6450, 92.7117, 78.6645



19.1152, 20.7851, 22.5874



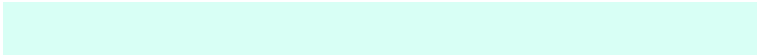
0.0000, 0.0000, 0.0000



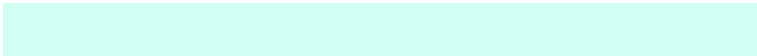
20.3446, 21.4041, 23.3091

Same Dimension

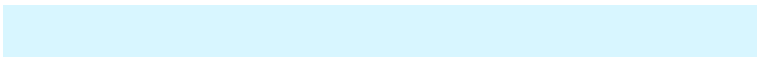
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5612, 92.7119, 100.0368



78.2956, 91.5750, 98.5272



79.2950, 87.6702, 107.3505



18.3442, 20.3972, 22.1157



23.5842, 39.3303, 32.0255



2.3406, 3.8472, 3.3517

Inverse Universe

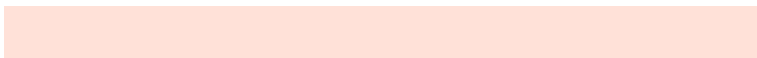
The Inverse Universe completely reimagines the original color for something new.



79.5239, 75.8638, 82.4035



77.0985, 72.1234, 78.1719



80.5876, 80.1233, 76.1851



18.2005, 18.0635, 19.6727



22.1038, 11.3308, 3.9314



2.1942, 1.1201, 0.6043

Previews

White Background



This preview shows how the XYZ color 80.5603, 92.7115, 100.0353 looks on a white background.

Color Contrast Check

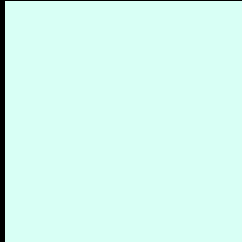
Large Text (above 18pt) WCAG AA × Fail

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 80.5603, 92.7115, 100.0353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

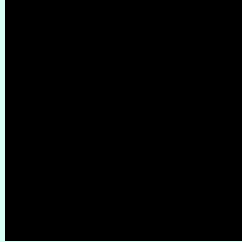
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

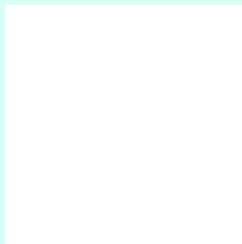
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.5603, 92.7115, 100.0353

Background



This preview shows how black text looks on a background with the XYZ color 80.5603, 92.7115, 100.0353.



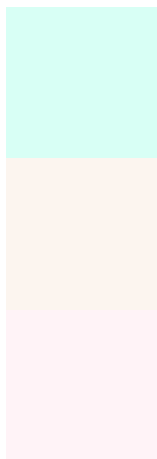
This preview shows how white text looks on a background with the XYZ color 80.5603, 92.7115,

100.0353.

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

80.5603, 92.7115, 100.0353

Protanopia

88.3773, 92.2323, 94.8060

Deuteranopia

90.0791, 92.0766, 101.0206



Tritanopia

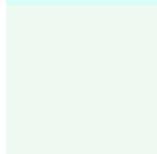
86.8773, 92.5319, 107.8893

Trichromacy



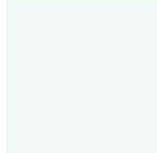
Original Color

80.5603, 92.7115, 100.0353



Protanomaly

85.3495, 92.4530, 96.5659



Deuteranomaly

86.1709, 91.8761, 100.3809



Tritanomaly

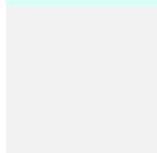
84.5429, 92.7824, 104.7197

Monochromacy



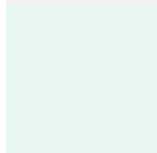
Original Color

80.5603, 92.7115, 100.0353



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

83.0427, 90.3162, 97.8500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5603, 92.7115, 100.0353 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(216, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 245)  
}
```

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(216, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 245) }
```

Border

The CSS property to change the border of an element to XYZ 80.5603, 92.7115, 100.0353 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(216, 255, 245) }
```


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

```
.border{ border-color:rgb(216, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(216, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5603, 92.7115, 100.0353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 245) }
```

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

```
.background{ background-color: rgb(216,  
255, 245) }
```

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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