

Converting Colors

XYZ(76.3027, 89.9324,
103.7947)

Have a look what the booklet for
XYZ(76.3027, 89.9324, 103.7947)
contains.

XYZ(76.2503, 89.9279, 103.7815)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.2503, 89.9279,
103.7815)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FEFA
RGB	199, 254, 250
RGB Percent	78%, 100%, 98%
CMY	0.2196, 0.0039, 0.0196
CMYK	0.22, 0.00, 0.02, 0.00
HSL	176°, 97%, 89%
HSV	176°, 22%, 100%
XYZ	76.2503, 89.9279, 103.7815
YIQ	237.0990, -31.4960, -12.9040

Conversions

Conversions Part 2

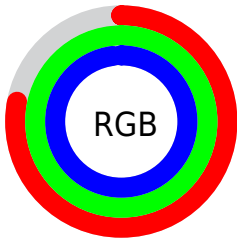
Format	Color
RYB	199, 228, 254
Decimal	13106938
CIELab	95.97, -18.02, -3.78
CIElCh	96, 18.417, 191.844
Yxy	89.9279, 0.2825, 0.3331
Android (android.graphics.Color)	4291297018 (0xFFC7FEFA)
YUV	237.0990, 6.3602, -33.4128
Hunter-Lab	94.8303, -22.4264, 1.4948

Details

The XYZ color **76.2503, 89.9279, 103.7815** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.0791, 66.2319, 65.4886**, and the grayscale version is **80.5446, 84.7391, 92.2809**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2055, 49.7568, 58.4712** is the 20% darker color. If you saturate the color by 10%, you get **69.7775, 86.6267, 101.9744**, and if you desaturate by 10%, it is **83.8560, 93.8175, 105.6602**.

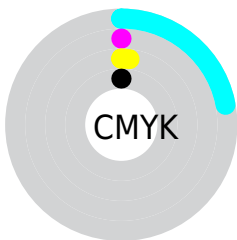
Distribution



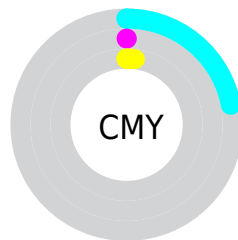
- Red (78%)
- Green (100%)
- Blue (98%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2503, 89.9279, 103.7815 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 76.2503, 89.9279, 103.7815 by changing the saturation by 10% instead.

76.2503, 89.9279,
103.7815

76.2503, 89.9279,
103.7815

471.1353,
527.7963, 593.5996

56.9355, 67.9208,
78.8279

127.0591,
147.2382, 168.4412

41.1934, 49.8333,
58.2339

159.2839,
183.3103, 208.9845

28.6586, 35.2810,
41.5808

196.5428,
224.8395, 255.5614

18.9657, 23.8794,
28.4500

239.2010,
272.2102, 308.5905

11.7493, 15.2442,
18.4232

287.6241,
325.8069, 368.4903

6.6442, 8.9909,
11.0817

342.1772,

3.2850, 4.7353,

386.0139, 435.6794

6.0069

403.2258,
453.2155, 510.5763

■ 1.3062, 2.0928,
2.7804

■ 0.1878, 0.6606,
0.9836

■ 76.2503, 89.9279,
103.7815

■ 76.2503, 89.9279,
103.7815

■ 69.7775, 86.6267,
101.9744

■ 83.8560, 93.8175,
105.6602

■ 64.3740, 83.8741,
100.2303

■ 92.6387, 98.3111,
107.6070

■ 59.9818, 81.6425,
98.5482

■ 94.7334, 99.3669,
108.7945

■ 56.5343, 79.8977,
96.9251

■ 53.9570, 78.6010,
95.3573

■ 52.1639, 77.7084,
93.8409

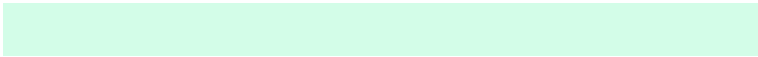
■ 51.0518, 77.1665,
92.3710

■ 50.5137, 76.9150,
91.1735

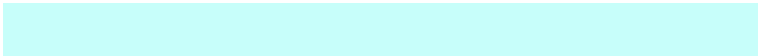
Harmonies

Analogous

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



76.5090, 89.9279, 89.4411



76.2503, 89.9279, 103.7815



78.3896, 89.9279, 117.8260

Triad

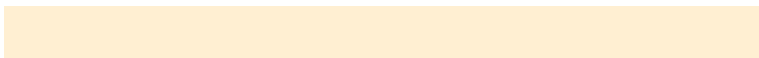
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2503, 89.9279, 103.7815



92.1690, 89.9279, 120.3114



88.5592, 89.9279, 73.6288

Complementary

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



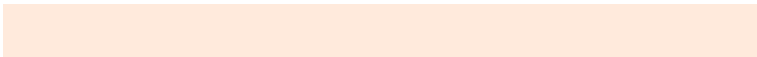
76.2503, 89.9279, 103.7815



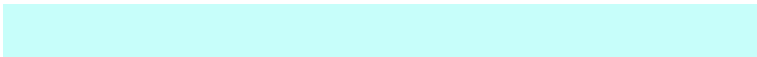
72.0791, 66.2319, 65.4886

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.



92.9724, 89.9279, 80.3860



76.2503, 89.9279, 103.7815



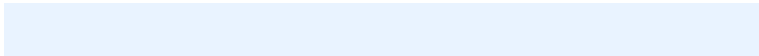
95.1128, 89.9279, 106.9105

Square

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



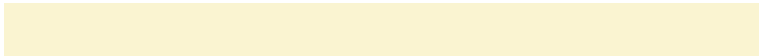
76.2503, 89.9279, 103.7815



87.4980, 89.9279, 127.9836



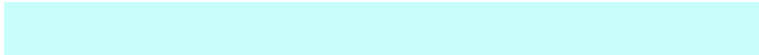
95.4126, 89.9279, 92.2762



83.4810, 89.9279, 72.9704

Rectangle

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



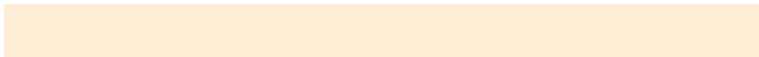
76.2503, 89.9279, 103.7815



80.9392, 89.9279, 124.7601



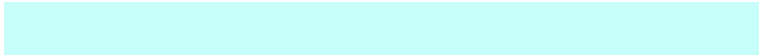
95.4126, 89.9279, 92.2762



90.1747, 89.9279, 75.2286

Sweetspot

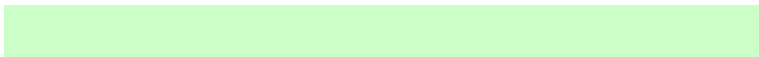
The Sweet Spot groups the original color and five complimentary colors.



76.2529, 89.9316, 103.7835



89.4646, 97.1413, 107.7054



70.5411, 87.7895, 67.2615



19.0247, 20.7286, 23.0259



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

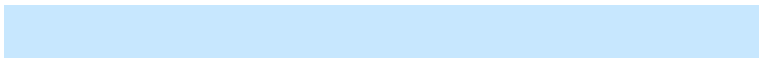
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2529, 89.9316, 103.7835



73.9546, 89.2136, 103.9080



70.0444, 76.4993, 104.8444



18.4944, 20.4573, 22.9066



26.6541, 40.5582, 48.1913



2.6116, 3.9556, 4.7785

Inverse Universe

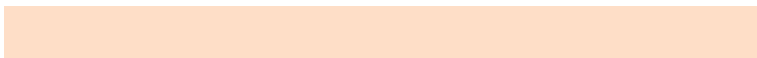
The Inverse Universe completely reimagines the original color for something new.



72.0791, 66.2319, 65.4886



69.0575, 61.4000, 58.9717



77.2841, 77.3956, 64.8999



18.0630, 18.0085, 18.9489



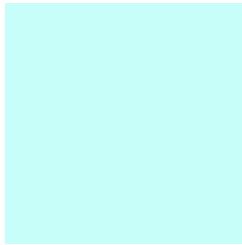
21.6275, 11.1403, 1.4230



2.1236, 1.0918, 0.2321

Previews

White Background



This preview shows how the XYZ color 76.2503, 89.9279, 103.7815 looks on a white background.

Color Contrast Check

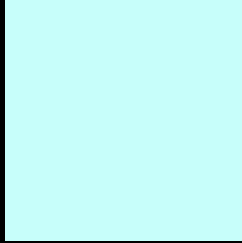
Large Text (above 18pt) WCAG AA × Fail

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 76.2503, 89.9279, 103.7815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

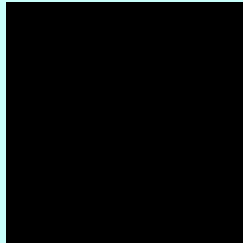
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

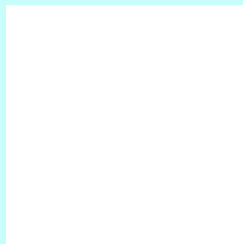
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2503, 89.9279, 103.7815

Background



This preview shows how black text looks on a background with the XYZ color 76.2503, 89.9279, 103.7815.

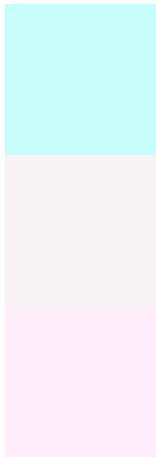


This preview shows how white text looks on a background with the XYZ color 76.2503, 89.9279,

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

76.2503, 89.9279, 103.7815

Protanopia

86.2876, 89.7495, 97.5696

Deuteranopia

89.0699, 89.3112, 102.9868



Tritanopia

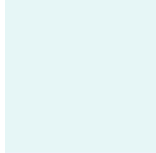
82.6843, 89.4624, 107.5178

Trichromacy



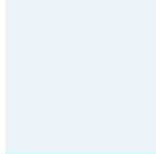
Original Color

76.2503, 89.9279, 103.7815



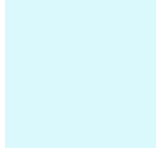
Protanomaly

82.2234, 89.3883, 100.1088



Deuteranomaly

83.8670, 89.2657, 103.2522



Tritanomaly

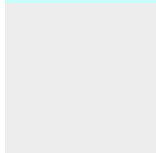
80.2206, 89.5949, 105.9940

Monochromacy



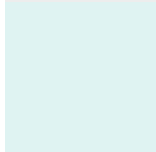
Original Color

76.2503, 89.9279, 103.7815



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.5090, 86.2000, 96.5048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2503, 89.9279, 103.7815 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(199, 254, 250)` looks like.

```
.text, #text, p{  
    color:rgb(199, 254, 250)  
}
```

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(199, 254, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 254, 250) }
```

Border

The CSS property to change the border of an element to XYZ 76.2503, 89.9279, 103.7815 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(199, 254, 250) }
```


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

```
.border{ border-color:rgb(199, 254, 250) }
```

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

Here you see how a box with a 4 pixel rgb(199, 254, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 254, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 254, 250);  
box-shadow:4px 4px 4px 4px rgb(199, 254,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2503, 89.9279, 103.7815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 254, 250) }
```

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

```
.background{ background-color: rgb(199,  
254, 250) }
```

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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