

Converting Colors

XYZ(76.4017, 90.4071,
107.0951)

Have a look what the booklet for
XYZ(76.4017, 90.4071, 107.0951)
contains.

XYZ(76.4143, 90.4115, 107.1896)	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(76.4143, 90.4115,
107.1896)**

Conversions

Conversions Part 1

Format	Color
Hex	C4FFFE
RGB	196, 255, 254
RGB Percent	77%, 100%, 100%
CMY	0.2314, 0.0000, 0.0039
CMYK	0.23, 0.00, 0.00, 0.00
HSL	179°, 100%, 88%
HSV	179°, 23%, 100%
XYZ	76.4143, 90.4115, 107.1896
YIQ	237.2450, -34.8430, -12.8190

Conversions

Conversions Part 2

Format	Color
R_{YB}	196, 226, 255
Decimal	12910590
CIE _{Lab}	96.17, -18.56, -5.57
CIE _{LCh}	96, 19.372, 196.698
Yxy	90.4115, 0.2789, 0.3300
Android (android.graphics.Color)	4291100670 (0xFFC4FFFE)
YUV	237.2450, 8.2602, -36.1719
Hunter-Lab	95.0850, -22.9485, -0.2783

Details

The XYZ color **76.4143, 90.4115, 107.1896** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.0587, 64.7724, 61.5811**, and the grayscale version is **80.6424, 84.8421, 92.3930**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **41.2566, 50.0821, 60.3157** is the 20% darker color. If you saturate the color by 10%, you get **70.2671, 87.2504, 106.5431**, and if you desaturate by 10%, it is **83.6910, 94.1547, 107.8928**.

Distribution



- Red (77%)
- Green (100%)
- Blue (100%)



- Red (77%)
- Yellow (89%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4143, 90.4115, 107.1896 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 76.4143, 90.4115, 107.1896 by changing the saturation by 10% instead.


 76.4143, 90.4115,
107.1896

 76.4143, 90.4115,
107.1896


471.6874,
529.3685, 604.4479

 57.0705, 68.3220,
81.6681


127.2896,
147.9099, 173.1405

 41.3022, 50.1597,
60.5577


159.5519,
184.0875, 214.4070

 28.7440, 35.5403,
43.4401


196.8510,
225.7299, 261.7588

 19.0306, 24.0794,
29.8966

239.5524,
273.2216, 315.6146

 11.7965, 15.3925,
19.5088

288.0214,
326.9469, 376.3929

 6.6765, 9.0953,
11.8579

342.6233,

 3.3051, 4.8034,

387.2903, 444.5121

6.5257

403.7235,
454.6360, 520.3910

■ 1.3171, 2.1324,
3.0934

■ 0.1960, 0.6827,
1.1425

■ 76.4143, 90.4115,
107.1896

■ 76.4143, 90.4115,
107.1896

■ 70.2671, 87.2504,
106.5431

■ 83.6910, 94.1547,
107.8928

■ 65.1893, 84.6407,
105.9459

■ 92.1470, 98.5059,
108.6505

■ 61.1200, 82.5508,
105.3967

95.0500, 100.0000,
108.9000

■ 57.9908, 80.9456,
104.8924

■ 55.7251, 79.7855,
104.4293

■ 54.2341, 79.0248,
104.0032

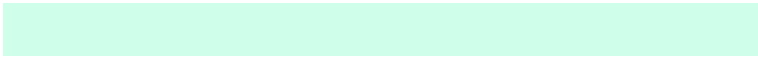
■ 53.4099, 78.6077,
103.6092

■ 53.1230, 78.4652,
103.3523

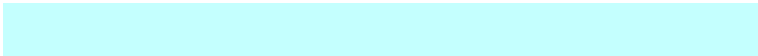
Harmonies

Analogous

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



76.2679, 90.4115, 91.7917



76.4143, 90.4115, 107.1896



79.0418, 90.4115, 121.5792

Triad

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



76.4143, 90.4115, 107.1896



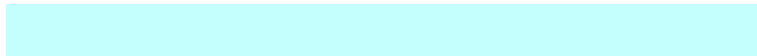
93.6720, 90.4115, 120.1580



88.3321, 90.4115, 72.3687

Complementary

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



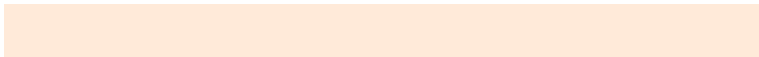
76.4143, 90.4115, 107.1896



71.0587, 64.7724, 61.5811

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.



93.2144, 90.4115, 78.4451



76.4143, 90.4115, 107.1896



96.3829, 90.4115, 105.4075

Square

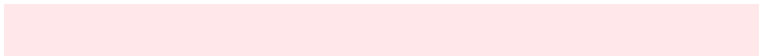
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4143, 90.4115, 107.1896



88.9356, 90.4115, 129.5840



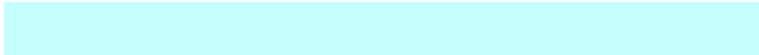
96.2120, 90.4115, 90.1852



82.9995, 90.4115, 72.7389

Rectangle

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



76.4143, 90.4115, 107.1896



81.9117, 90.4115, 128.1890



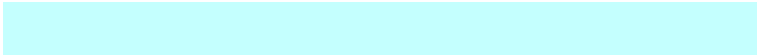
96.2120, 90.4115, 90.1852



90.0847, 90.4115, 73.6958

Sweetspot

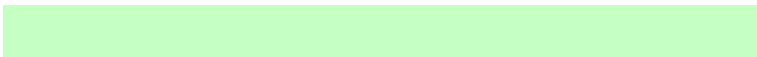
The Sweet Spot groups the original color and five complimentary colors.



76.4153, 90.4120, 107.1911



88.7366, 96.7509, 108.3509



69.0047, 87.5072, 65.4799



18.8828, 20.6518, 23.1817



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

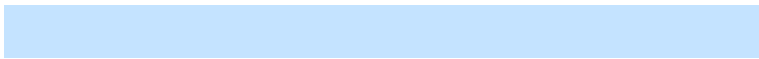
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4153, 90.4120, 107.1911



73.2875, 88.8034, 106.8694



68.4129, 74.1506, 105.3145



18.5408, 20.4759, 23.1510



27.7640, 41.0022, 54.0357



2.7074, 3.9939, 5.2828

Inverse Universe

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



71.0587, 64.7724, 61.5811



67.0342, 58.8697, 53.6227



77.7349, 78.3072, 63.2439



18.0219, 17.9921, 18.7323



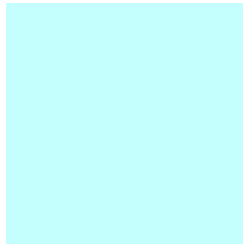
21.5665, 11.1159, 1.1018



2.1040, 1.0840, 0.1293

Previews

White Background



This preview shows how the XYZ color 76.4143, 90.4115, 107.1896 looks on a white background.

Color Contrast Check

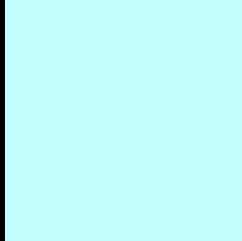
Large Text (above 18pt) WCAG AA × Fail

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 76.4143, 90.4115, 107.1896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

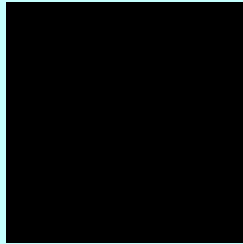
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

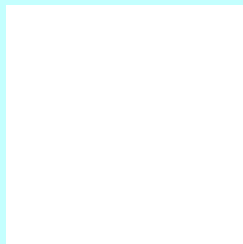
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4143, 90.4115, 107.1896

Background



This preview shows how black text looks on a background with the XYZ color 76.4143, 90.4115, 107.1896.

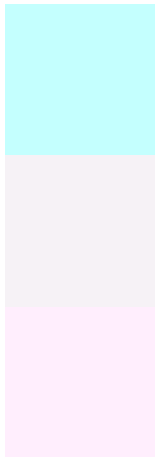


This preview shows how white text looks on a background with the XYZ color 76.4143, 90.4115,

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

76.4143, 90.4115, 107.1896

Protanopia

86.3927, 89.7509, 99.9591

Deuteranopia

89.5442, 89.5009, 105.4844



Tritanopia

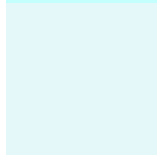
83.3057, 90.2355, 107.6343

Trichromacy



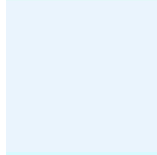
Original Color

76.4143, 90.4115, 107.1896



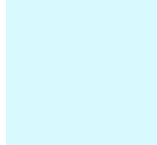
Protanomaly

82.3546, 89.8551, 102.6257



Deuteranomaly

84.0120, 89.2856, 105.7345



Tritanomaly

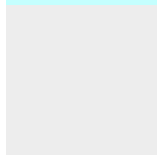
80.5545, 90.1901, 107.7705

Monochromacy



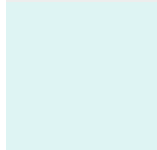
Original Color

76.4143, 90.4115, 107.1896



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.6525, 86.7020, 97.3838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4143, 90.4115, 107.1896 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(196, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 254)  
}
```

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(196, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 76.4143, 90.4115, 107.1896 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(196, 255, 254) }
```


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

```
.border{ border-color:rgb(196, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4143, 90.4115, 107.1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 254) }
```

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

```
.background{ background-color: rgb(196,  
255, 254) }
```

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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