

Converting Colors

XYZ(76.2050, 90.0078,
101.1974)

Have a look what the booklet for
XYZ(76.2050, 90.0078, 101.1974)
contains.

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Color

**XYZ(76.3177, 90.0165,
101.3482)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FEF7
RGB	201, 254, 247
RGB Percent	79%, 100%, 97%
CMY	0.2118, 0.0039, 0.0314
CMYK	0.21, 0.00, 0.03, 0.00
HSL	172°, 96%, 89%
HSV	172°, 21%, 100%
XYZ	76.3177, 90.0165, 101.3482
YIQ	237.3550, -29.3410, -13.4130

Conversions

Conversions Part 2

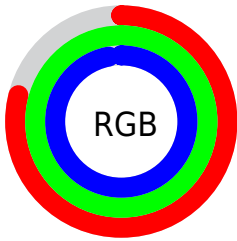
Format	Color
R_{YB}	201, 229, 254
Decimal	13238007
CIE _{Lab}	96.00, -18.05, -2.17
CIE _{LCh}	96, 18.176, 186.845
Yxy	90.0165, 0.2851, 0.3363
Android (android.graphics.Color)	4291428087 (0xFFC9FEF7)
YUV	237.3550, 4.7550, -31.8833
Hunter-Lab	94.8770, -22.4520, 3.0800

Details

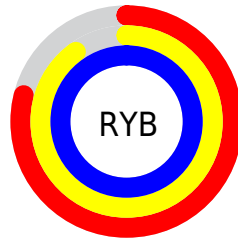
The XYZ color **76.3177, 90.0165, 101.3482** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.1481, 67.4007, 68.8326**, and the grayscale version is **80.7526, 84.9580, 92.5192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2243, 49.8051, 56.7308** is the 20% darker color. If you saturate the color by 10%, you get **69.5334, 86.5808, 98.3530**, and if you desaturate by 10%, it is **84.2455, 94.0454, 104.4494**.

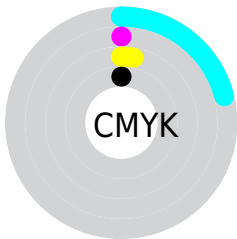
Distribution



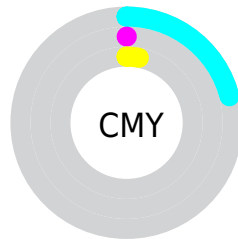
- Red (79%)
- Green (100%)
- Blue (97%)



- Red (79%)
- Yellow (90%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3177, 90.0165, 101.3482 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 76.3177, 90.0165, 101.3482 by changing the saturation by 10% instead.

76.3177, 90.0165,
101.3482

76.3177, 90.0165,
101.3482

471.3622,
528.0845, 585.7901

56.9910, 67.9943,
76.8038

127.1539,
147.3613, 165.0767

41.2381, 49.8931,
56.5813

159.3941,
183.4527, 205.0979

28.6937, 35.3285,
40.2620

196.6695,
225.0027, 251.1151

18.9924, 23.9160,
27.4276

239.3455,
272.3956, 303.5468

11.7687, 15.2713,
17.6593

287.7874,
326.0159, 362.8116

6.6575, 9.0100,
10.5388

342.3606,

3.2932, 4.7477,

386.2478, 429.3281

5.6474

403.4304,
453.4759, 503.5147

■ 1.3107, 2.1000,
2.5666

■ 0.1912, 0.6646,
0.8751

■ 76.3177, 90.0165,
101.3482

■ 76.3177, 90.0165,
101.3482

■ 69.5334, 86.5808,
98.3530

■ 84.2455, 94.0454,
104.4494

■ 63.8294, 83.6985,
95.4549

■ 93.3609, 98.6831,
107.6532

■ 59.1481, 81.3424,
92.6527

■ 94.7334, 99.3668,
108.7945

■ 55.4234, 79.4783,
89.9433

■ 52.5814, 78.0683,
87.3229

■ 50.5372, 77.0684,
84.7871

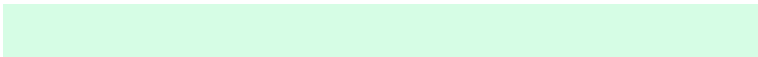
■ 49.1893, 76.4265,
82.3311

■ 48.4204, 76.0776,
80.1506

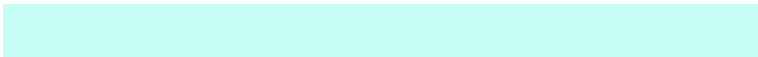
Harmonies

Analogous

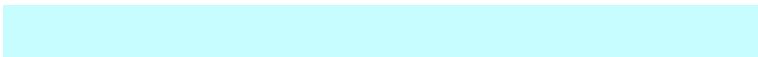
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9771, 90.0165, 87.5281



76.3177, 90.0165, 101.3482



78.0554, 90.0165, 115.5623

Triad

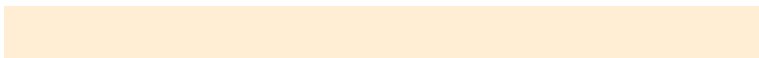
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3177, 90.0165, 101.3482



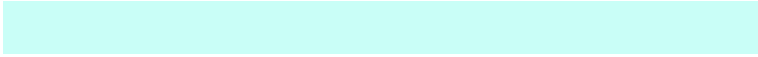
91.4844, 90.0165, 121.8700



89.4143, 90.0165, 74.7055

Complementary

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



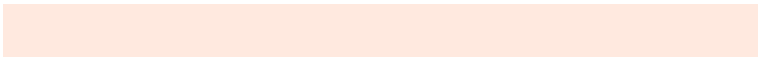
76.3177, 90.0165, 101.3482



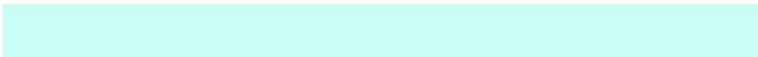
73.1481, 67.4007, 68.8326

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.



93.5265, 90.0165, 82.3363



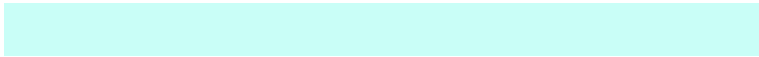
76.3177, 90.0165, 101.3482



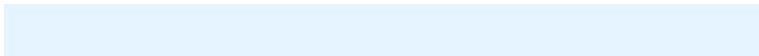
94.7540, 90.0165, 109.3028

Square

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



76.3177, 90.0165, 101.3482



86.7149, 90.0165, 128.1382



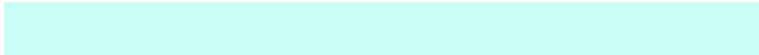
95.5155, 90.0165, 94.7511



84.4114, 90.0165, 73.0227

Rectangle

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



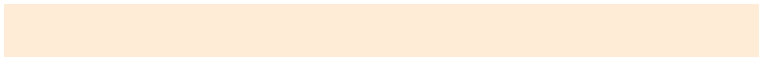
76.3177, 90.0165, 101.3482



80.3811, 90.0165, 123.0557



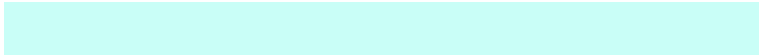
95.5155, 90.0165, 94.7511



90.9525, 90.0165, 76.6210

Sweetspot

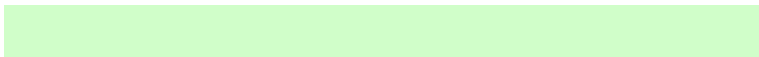
The Sweet Spot groups the original color and five complimentary colors.



76.3203, 90.0202, 101.3502



89.3196, 97.0833, 106.9418



72.0183, 88.5240, 68.5510



18.9903, 20.7148, 22.8448



0.0000, 0.0000, 0.0000



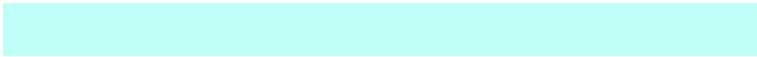
20.3446, 21.4041, 23.3091

Same Dimension

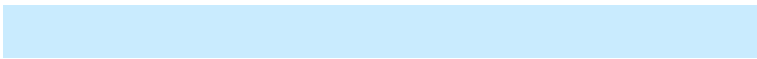
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3203, 90.0202, 101.3502



74.0320, 89.3181, 100.9917



71.5639, 78.7452, 105.1977



18.4455, 20.4377, 22.6489



25.5665, 40.1232, 42.4637



2.5168, 3.9176, 4.2791

Inverse Universe

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



73.1481, 67.4007, 68.8326



70.3126, 62.7856, 62.8566



77.1258, 76.7050, 66.0005



18.1071, 18.0261, 19.1809



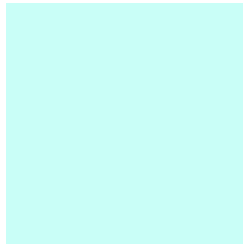
21.7272, 11.1802, 1.9479



2.1443, 1.1001, 0.3412

Previews

White Background



This preview shows how the XYZ color 76.3177, 90.0165, 101.3482 looks on a white background.

Color Contrast Check

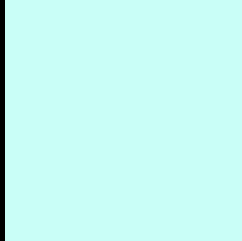
Large Text (above 18pt) WCAG AA × Fail

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 76.3177, 90.0165, 101.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

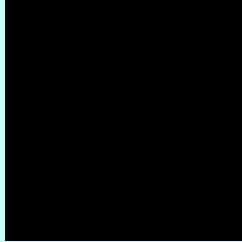
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

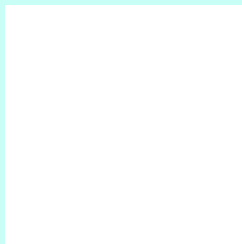
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3177, 90.0165, 101.3482

Background



This preview shows how black text looks on a background with the XYZ color 76.3177, 90.0165, 101.3482.

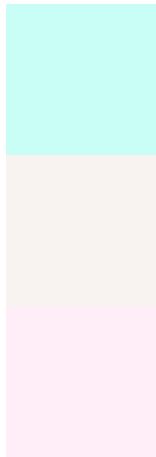


This preview shows how white text looks on a background with the XYZ color 76.3177, 90.0165,

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

76.3177, 90.0165, 101.3482

Protanopia

86.1917, 89.7520, 95.2192

Deuteranopia

88.7578, 89.1864, 101.3436



Tritanopia

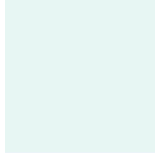
83.0007, 89.6255, 107.5326

Trichromacy



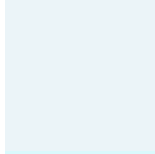
Original Color

76.3177, 90.0165, 101.3482



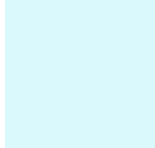
Protanomaly

82.0884, 89.3715, 97.7179



Deuteranomaly

83.5549, 89.1408, 101.6090



Tritanomaly

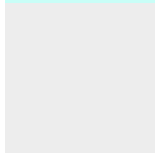
80.3598, 89.6851, 105.1710

Monochromacy



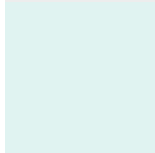
Original Color

76.3177, 90.0165, 101.3482



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.6682, 86.2994, 95.7303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3177, 90.0165, 101.3482 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(201, 254, 247)` looks like.

```
.text, #text, p{  
    color:rgb(201, 254, 247)  
}
```

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(201, 254, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 254, 247) }
```

Border

The CSS property to change the border of an element to XYZ 76.3177, 90.0165, 101.3482 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(201, 254, 247) }
```


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

```
.border{ border-color:rgb(201, 254, 247) }
```

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

Here you see how a box with a 4 pixel rgb(201, 254, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 254, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 254, 247);  
box-shadow:4px 4px 4px 4px rgb(201, 254,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3177, 90.0165, 101.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 254, 247) }
```

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

```
.background{ background-color: rgb(201,  
254, 247) }
```

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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