

Converting Colors

XYZ(79.3424, 96.5033, 90.3472)

Have a look what the booklet for
XYZ(79.3424, 96.5033, 90.3472)
contains.

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Color

**XYZ(76.4783, 90.8448,
89.1053)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FFE7
RGB	209, 255, 231
RGB Percent	82%, 100%, 91%
CMY	0.1804, 0.0000, 0.0941
CMYK	0.18, 0.00, 0.09, 0.00
HSL	149°, 100%, 91%
HSV	149°, 18%, 100%
XYZ	76.4783, 90.8448, 89.1053
YIQ	238.5100, -19.7120, -17.2160

Conversions

Conversions Part 2

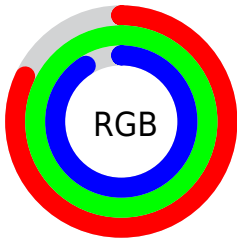
Format	Color
R_{YB}	209, 240, 255
Decimal	13762535
CIE Lab	96.35, -19.20, 6.63
CIE LCh	96, 20.308, 160.954
Yxy	90.8448, 0.2982, 0.3543
Android (android.graphics.Color)	4291952615 (0xFFD1FFE7)
YUV	238.5100, -3.7024, -25.8803
Hunter-Lab	95.3125, -23.5694, 11.2900

Details

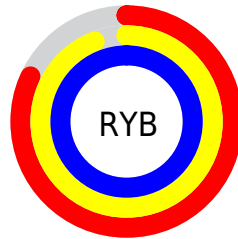
The XYZ color **76.4783, 90.8448, 89.1053** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.7489, 72.7451, 86.9815**, and the grayscale version is **81.7017, 85.9566, 93.6067**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2584, 50.3533, 48.1021** is the 20% darker color. If you saturate the color by 10%, you get **68.0235, 86.6951, 79.2713**, and if you desaturate by 10%, it is **86.2324, 95.6478, 99.7485**.

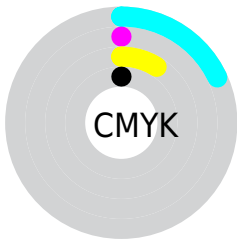
Distribution



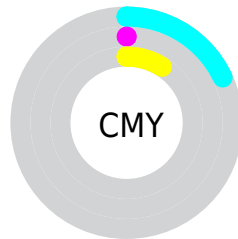
- Red (82%)
- Green (100%)
- Blue (91%)



- Red (82%)
- Yellow (94%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (18%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4783, 90.8448, 89.1053 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 76.4783, 90.8448, 89.1053 by changing the saturation by 10% instead.

 76.4783, 90.8448,
89.1053

 76.4783, 90.8448,
89.1053

471.9027,
530.7751, 545.6109

 57.1232, 68.6815,
66.6693


127.3795,
148.5113, 148.0196

 41.3447, 50.4524,
48.3560


159.6564,
184.7833, 185.3350

 28.7774, 35.7730,
33.7469


196.9713,
226.5271, 228.4473

 19.0559, 24.2589,
22.4235

239.6895,
274.1269, 277.7750

 11.8149, 15.5258,
13.9671

288.1764,
327.9672, 333.7367

 6.6891, 9.1892,
7.9593

342.7973,

 3.3130, 4.8648,

388.4324, 396.7509

3.9815

403.9176,
455.9069, 467.2361

■ 1.3214, 2.1682,
1.6152

■ 0.1991, 0.7026,
0.3016

■ 76.4783, 90.8448,
89.1053

■ 76.4783, 90.8448,
89.1053

■ 68.0235, 86.6951,
79.2713

■ 86.2324, 95.6478,
99.7485

■ 60.8074, 83.1679,
70.2231

95.0500, 100.0000,
108.9000

■ 54.7683, 80.2317,
61.9421

■ 49.8381, 77.8517,
54.4074

■ 45.9411, 75.9894,
47.5971

■ 42.9915, 74.6010,
41.4880

■ 40.8886, 73.6350,
36.0553

■ 39.4969, 73.0220,
31.2717

■ 39.2705, 72.9242,
30.4059

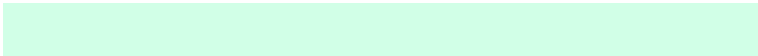
Harmonies

Analogous

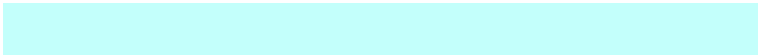
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4188, 90.8448, 77.2292



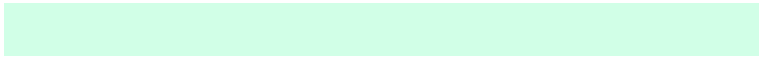
76.4783, 90.8448, 89.1053



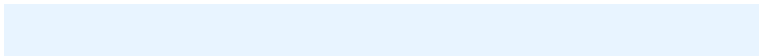
76.1130, 90.8448, 104.9450

Triad

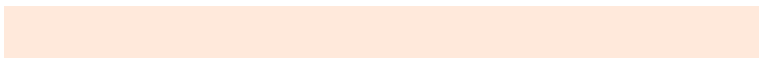
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4783, 90.8448, 89.1053



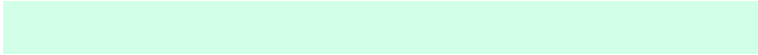
88.4260, 90.8448, 132.7115



94.8122, 90.8448, 79.8915

Complementary

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



76.4783, 90.8448, 89.1053



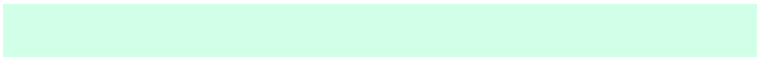
78.7489, 72.7451, 86.9815

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.



97.4558, 90.8448, 93.1197



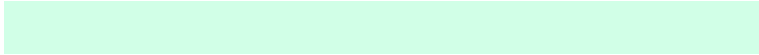
76.4783, 90.8448, 89.1053



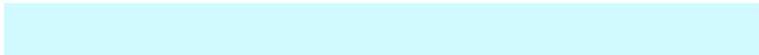
93.6632, 90.8448, 124.3209

Square

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



76.4783, 90.8448, 89.1053



82.8485, 90.8448, 131.3340



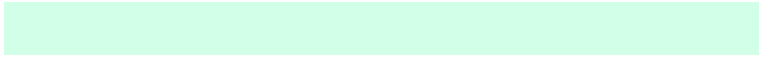
97.0263, 90.8448, 109.4185



89.9390, 90.8448, 72.3242

Rectangle

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



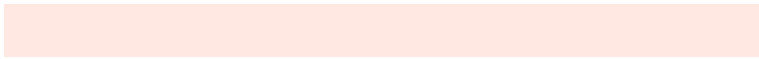
76.4783, 90.8448, 89.1053



77.3601, 90.8448, 115.7953



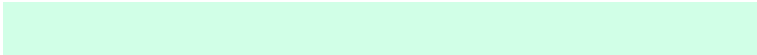
97.0263, 90.8448, 109.4185



96.0005, 90.8448, 83.7597

Sweetspot

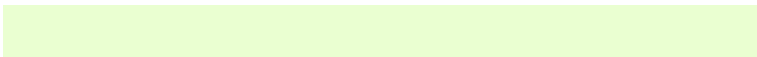
The Sweet Spot groups the original color and five complimentary colors.



76.4791, 90.8452, 89.1068



89.4612, 97.2405, 103.1445



81.0478, 93.5372, 74.1057



18.9861, 20.7334, 21.9076



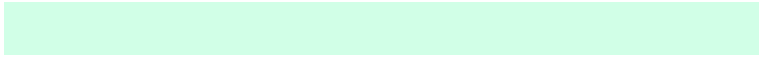
0.0000, 0.0000, 0.0000



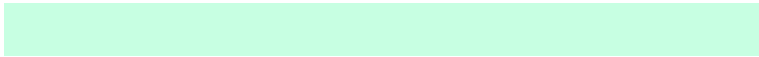
20.3446, 21.4041, 23.3091

Same Dimension

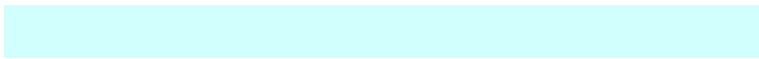
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4791, 90.8452, 89.1068



72.9773, 89.1247, 85.1150



79.8591, 92.1972, 106.9056



18.1334, 20.3129, 21.0054



20.5941, 38.1342, 16.2797



2.0600, 3.7349, 1.8737

Inverse Universe

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



78.7489, 72.7451, 86.9815



75.6674, 67.6716, 82.5953



75.7406, 71.5418, 71.1400



18.4052, 18.1454, 20.7510



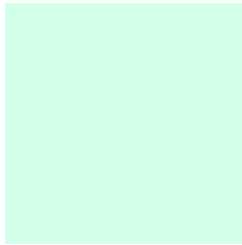
23.8383, 12.0246, 13.0651



2.3763, 1.1929, 1.5630

Previews

White Background



This preview shows how the XYZ color 76.4783, 90.8448, 89.1053 looks on a white background.

Color Contrast Check

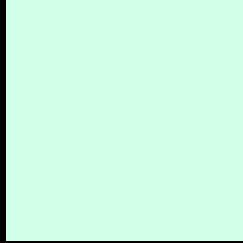
Large Text (above 18pt) WCAG AA × Fail

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 76.4783, 90.8448, 89.1053 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

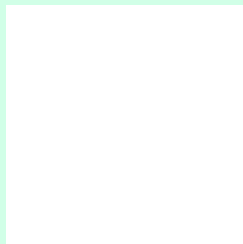
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4783, 90.8448, 89.1053

Background



This preview shows how black text looks on a background with the XYZ color 76.4783, 90.8448, 89.1053.



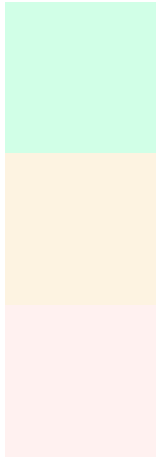
This preview shows how white text looks on a background with the XYZ color 76.4783, 90.8448,

89.1053.

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

76.4783, 90.8448, 89.1053

Protanopia

86.1492, 90.4201, 84.1464

Deuteranopia

88.4235, 90.4619, 95.2385



Tritanopia

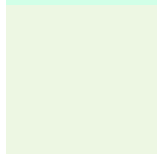
84.6100, 90.4552, 107.6079

Trichromacy



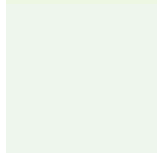
Original Color

76.4783, 90.8448, 89.1053



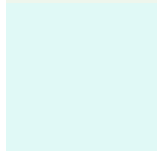
Protanomaly

82.0509, 90.0721, 85.7342



Deuteranomaly

83.5017, 90.2031, 93.1307



Tritanomaly

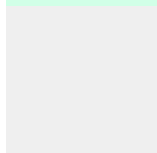
81.2507, 90.2525, 100.3269

Monochromacy



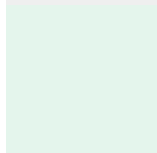
Original Color

76.4783, 90.8448, 89.1053



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

79.7876, 87.8549, 92.1093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4783, 90.8448, 89.1053 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(209, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 231)  
}
```

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(209, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 231) }
```

Border

The CSS property to change the border of an element to XYZ 76.4783, 90.8448, 89.1053 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(209, 255, 231) }
```


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

```
.border{ border-color:rgb(209, 255, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4783, 90.8448, 89.1053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 231) }
```

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

```
.background{ background-color: rgb(209,  
255, 231) }
```

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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