

Converting Colors

XYZ(85.6418, 109.9511,
83.2127)

Have a look what the booklet for
XYZ(85.6418, 109.9511, 83.2127)
contains.

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Color

**XYZ(76.1464, 90.8781,
79.8576)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FFDA
RGB	214, 255, 218
RGB Percent	84%, 100%, 85%
CMY	0.1608, 0.0000, 0.1451
CMYK	0.16, 0.00, 0.15, 0.00
HSL	126°, 100%, 92%
HSV	126°, 16%, 100%
XYZ	76.1464, 90.8781, 79.8576
YIQ	238.5230, -12.5590, -20.1990

Conversions

Conversions Part 2

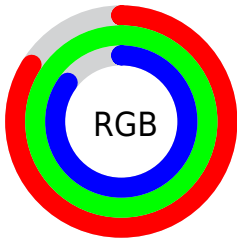
Format	Color
R_{YB}	214, 251, 255
Decimal	14090202
CIE _{Lab}	96.36, -19.93, 13.36
CIE _{LCh}	96, 23.993, 146.163
Yxy	90.8781, 0.3084, 0.3681
Android (android.graphics.Color)	4292280282 (0xFFD6FFDA)
YUV	238.5230, -10.1178, -21.5067
Hunter-Lab	95.3300, -24.2477, 17.0640

Details

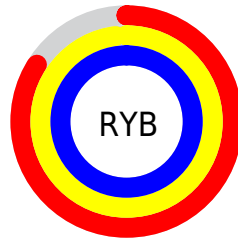
The XYZ color **76.1464, 90.8781, 79.8576** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.6993, 76.3188, 101.6384**, and the grayscale version is **81.7559, 86.0136, 93.6688**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1030, 50.4034, 42.2128** is the 20% darker color. If you saturate the color by 10%, you get **66.4720, 86.2148, 64.7618**, and if you desaturate by 10%, it is **87.4053, 96.3098, 97.2127**.

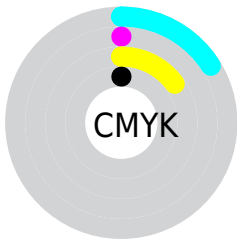
Distribution



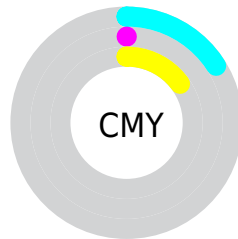
- Red (84%)
- Green (100%)
- Blue (85%)



- Red (84%)
- Yellow (98%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1464, 90.8781, 79.8576 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 76.1464, 90.8781, 79.8576 by changing the saturation by 10% instead.


 76.1464, 90.8781,
79.8576

 76.1464, 90.8781,
79.8576

470.7854,
530.8832, 514.1469

 56.8500, 68.7092,
59.0757


126.9131,
148.5575, 134.9751

 41.1245, 50.4749,
42.2536


159.1141,
184.8368, 170.1478

 28.6045, 35.7909,
28.9729


196.3474,
226.5883, 210.9545

 18.9246, 24.2727,
18.8149

238.9783,
274.1964, 257.8137

 11.7195, 15.5361,
11.3612

287.3722,
328.0456, 311.1440

 6.6238, 9.1965,
6.1931

341.8945,

 3.2722, 4.8695,

388.5202, 371.3640

2.8922

402.9104,
456.0046, 438.8921

■ 1.2993, 2.1709,
1.0398

■ 0.1827, 0.7041,
0.0000

■ 76.1464, 90.8781,
79.8576

■ 76.1464, 90.8781,
79.8576

■ 66.4720, 86.2148,
64.7618

■ 87.4053, 96.3098,
97.2127

■ 58.3089, 82.2844,
51.8284

95.0500, 100.0000,
108.9000

■ 51.5811, 79.0497,
40.9596

■ 46.2053, 76.4700,
32.0486

■ 42.0894, 74.5005,
24.9789

■ 39.1300, 73.0903,
19.6218

■ 37.2068, 72.1808,
15.8318

■ 36.1726, 71.6995,
13.4394

■ 35.9342, 71.5897,
12.8374

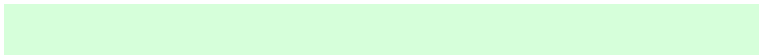
Harmonies

Analogous

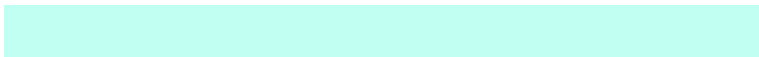
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8392, 90.8781, 69.4839



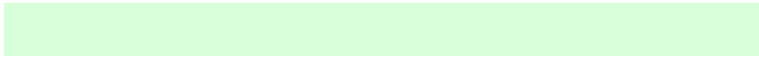
76.1464, 90.8781, 79.8576



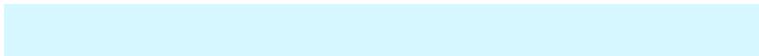
74.1907, 90.8781, 96.5107

Triad

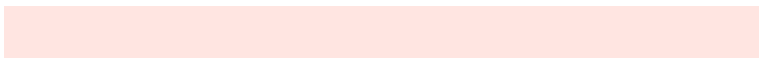
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1464, 90.8781, 79.8576



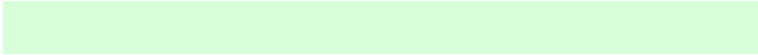
85.5206, 90.8781, 140.3545



98.4192, 90.8781, 83.6089

Complementary

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



76.1464, 90.8781, 79.8576



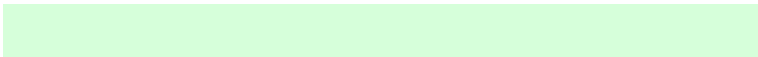
82.6993, 76.3188, 101.6384

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.



99.8294, 90.8781, 101.4317



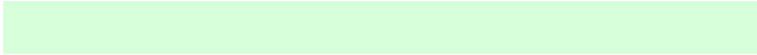
76.1464, 90.8781, 79.8576



92.1619, 90.8781, 135.7543

Square

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



76.1464, 90.8781, 79.8576



79.4238, 90.8781, 132.7391



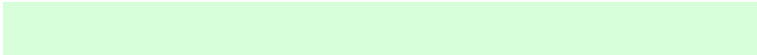
97.4850, 90.8781, 120.8678



93.7244, 90.8781, 71.4459

Rectangle

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



76.1464, 90.8781, 79.8576



74.6240, 90.8781, 109.5423



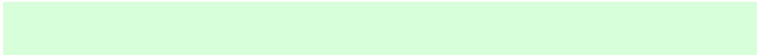
97.4850, 90.8781, 120.8678



99.3032, 90.8781, 89.0651

Sweetspot

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



76.1471, 90.8784, 79.8590



88.7162, 96.9425, 99.2218



87.8919, 96.9929, 77.7083



18.8055, 20.6612, 20.9565



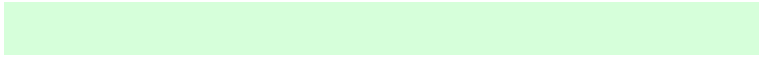
0.0000, 0.0000, 0.0000



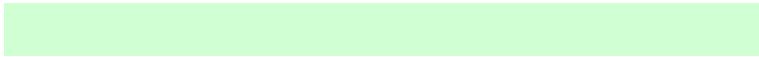
20.3446, 21.4041, 23.3091

Same Dimension

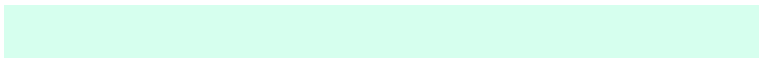
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1471, 90.8784, 79.8590



73.1593, 89.4378, 75.2182



78.9124, 91.9845, 94.4208



17.8436, 20.1970, 19.4792



18.8001, 37.4166, 6.8324



1.8534, 3.6523, 0.7859

Inverse Universe

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



82.6993, 76.3188, 101.6384



80.7420, 72.5871, 100.4214



79.7226, 75.1280, 85.9629



18.7117, 18.2680, 22.3652



29.0517, 14.1100, 40.5183



2.8499, 1.3823, 4.0571

Previews

White Background



This preview shows how the XYZ color 76.1464, 90.8781, 79.8576 looks on a white background.

Color Contrast Check

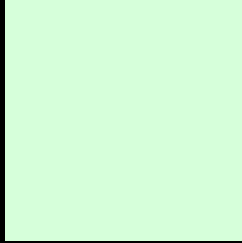
Large Text (above 18pt) WCAG AA × Fail

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 76.1464, 90.8781, 79.8576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

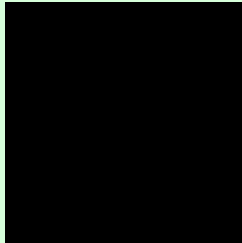
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

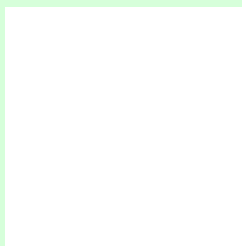
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1464, 90.8781, 79.8576

Background



This preview shows how black text looks on a background with the XYZ color 76.1464, 90.8781, 79.8576.



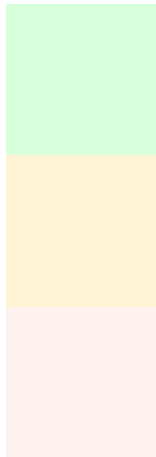
This preview shows how white text looks on a background with the XYZ color 76.1464, 90.8781,

79.8576.

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

76.1464, 90.8781, 79.8576

Protanopia

85.4282, 90.2162, 76.5293

Deuteranopia

87.9814, 90.2850, 92.9104



Tritanopia

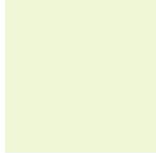
85.2667, 90.7937, 107.6386

Trichromacy



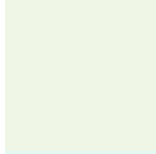
Original Color

76.1464, 90.8781, 79.8576



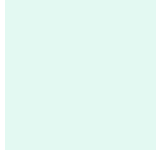
Protanomaly

81.4617, 89.9531, 77.3592



Deuteranomaly

83.1739, 90.1500, 87.8799



Tritanomaly

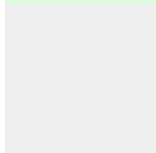
81.5812, 90.4931, 97.1715

Monochromacy



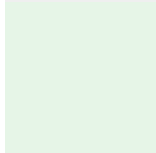
Original Color

76.1464, 90.8781, 79.8576



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

79.7093, 87.8973, 88.3661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1464, 90.8781, 79.8576 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(214, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 218)  
}
```

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(214, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 218) }
```

Border

The CSS property to change the border of an element to XYZ 76.1464, 90.8781, 79.8576 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(214, 255, 218) }
```


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

```
.border{ border-color:rgb(214, 255, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1464, 90.8781, 79.8576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 218) }
```

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

```
.background{ background-color: rgb(214,  
255, 218) }
```

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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