

Converting Colors

XYZ(74.3160, 89.5366, 76.3162)

Have a look what the booklet for
XYZ(74.3160, 89.5366, 76.3162)
contains.

XYZ(74.3160, 89.5366, 76.3162)	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(74.3160, 89.5366,
76.3162)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FED5
RGB	211, 254, 213
RGB Percent	83%, 100%, 84%
CMY	0.1725, 0.0039, 0.1647
CMYK	0.17, 0.00, 0.16, 0.00
HSL	123°, 96%, 91%
HSV	123°, 17%, 100%
XYZ	74.3160, 89.5366, 76.3162
YIQ	236.4690, -12.4670, -21.8670

Conversions

Conversions Part 2

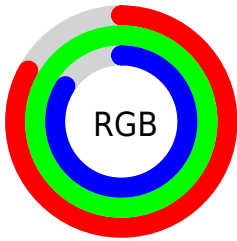
Format	Color
R _{YB}	211, 252, 254
Decimal	13893333
CIE Lab	95.80, -21.29, 15.11
CIE LCh	96, 26.103, 144.632
Yxy	89.5366, 0.3094, 0.3728
Android (android.graphics.Color)	4292083413 (0xFFD3FED5)
YUV	236.4690, -11.5702, -22.3363
Hunter-Lab	94.6238, -25.4006, 18.4179

Details

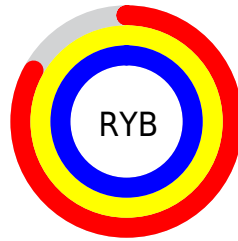
The XYZ color **74.3160, 89.5366, 76.3162** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.7411, 74.6897, 102.2078**, and the grayscale version is **80.1831, 84.3589, 91.8668**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8481, 49.4690, 39.7960** is the 20% darker color. If you saturate the color by 10%, you get **64.7582, 84.9410, 61.0029**, and if you desaturate by 10%, it is **85.4876, 94.9162, 94.1051**.

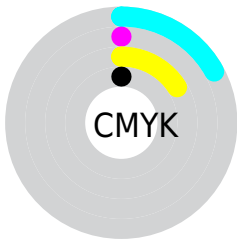
Distribution



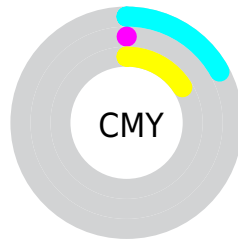
- Red (83%)
- Green (100%)
- Blue (84%)



- Red (83%)
- Yellow (99%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3160, 89.5366, 76.3162 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 74.3160, 89.5366, 76.3162 by changing the saturation by 10% instead.

74.3160, 89.5366,
76.3162

74.3160, 89.5366,
76.3162

464.5968,
526.5223, 501.8050

55.3449, 67.5964,
56.1836

124.3368,
146.6945, 129.9380

39.9129, 49.5694,
39.9452

156.1171,
182.6810, 164.2642

27.6545, 35.0714,
27.1823

192.8980,
224.1184, 204.1588

18.2045, 23.7179,
17.4766

235.0447,
271.3911, 250.0402

11.1975, 15.1245,
10.4093

282.9225,
324.8834, 302.3270

6.2681, 8.9068,
5.5620

336.8969,

3.0510, 4.6804,

384.9798, 361.4377

2.5162

397.3332,
452.0646, 427.7909

■ 1.1808, 2.0610,
0.8487

■ 0.0911, 0.6426,
0.0000

■ 74.3160, 89.5366,
76.3162

■ 74.3160, 89.5366,
76.3162

■ 64.7582, 84.9410,
61.0029

■ 85.4876, 94.9162,
94.1051

■ 56.7328, 81.0821,
48.0500

94.7336, 99.3671,
108.7945

■ 50.1622, 77.9251,
37.3419

■ 44.9592, 75.4276,
28.7510

■ 41.0273, 73.5430,
22.1369

■ 38.2574, 72.2183,
17.3423

■ 36.5218, 71.3916,
14.1860

■ 35.6609, 70.9853,
12.4494

■ 35.5088, 70.9132,
12.1581

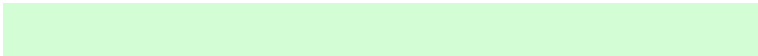
Harmonies

Analogous

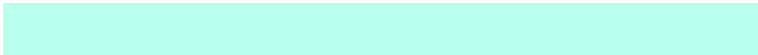
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4673, 89.5366, 65.7394



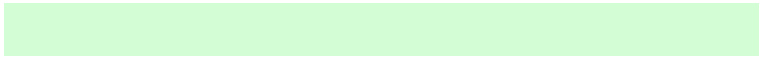
74.3160, 89.5366, 76.3162



72.0630, 89.5366, 93.8320

Triad

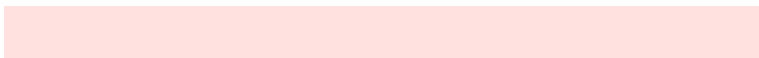
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3160, 89.5366, 76.3162



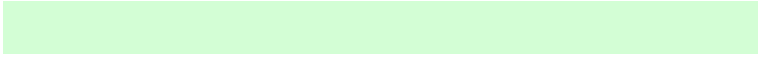
83.8148, 89.5366, 142.4754



98.3012, 89.5366, 81.8975

Complementary

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



74.3160, 89.5366, 76.3162



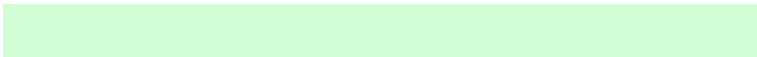
81.7411, 74.6897, 102.2078

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.



99.6256, 89.5366, 101.2422



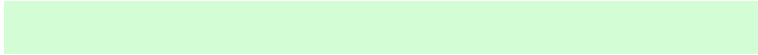
74.3160, 89.5366, 76.3162



90.9966, 89.5366, 138.1034

Square

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



74.3160, 89.5366, 76.3162



77.3459, 89.5366, 133.4829



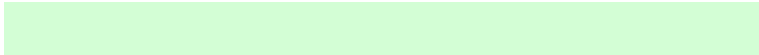
96.8839, 89.5366, 122.2576



93.3597, 89.5366, 68.6297

Rectangle

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



74.3160, 89.5366, 76.3162



72.4107, 89.5366, 107.8408



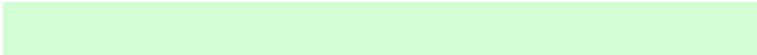
96.8839, 89.5366, 122.2576



99.1954, 89.5366, 87.8239

Sweetspot

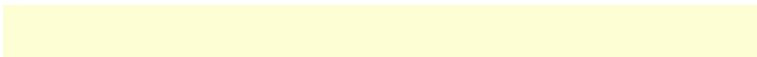
The Sweet Spot groups the original color and five complimentary colors.



74.3184, 89.5404, 76.3182



88.6178, 96.9031, 98.7034



87.5540, 96.3928, 75.6200



18.7817, 20.6516, 20.8311



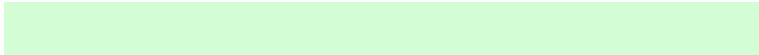
0.0000, 0.0000, 0.0000



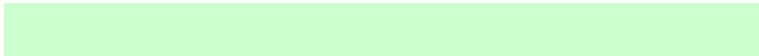
20.3446, 21.4041, 23.3091

Same Dimension

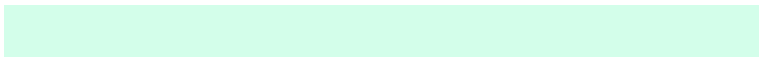
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3184, 89.5404, 76.3182



71.8478, 88.8317, 71.9896



77.1501, 90.6731, 91.2298



17.8058, 20.1819, 19.2804



18.7341, 37.3902, 6.4852



1.8356, 3.6452, 0.6920

Inverse Universe

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



81.7411, 74.6897, 102.2078



80.5032, 71.5139, 102.1781



78.6034, 73.4346, 85.6846



18.7540, 18.2849, 22.5878



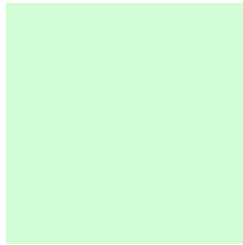
30.0288, 14.5008, 45.6635



2.9346, 1.4162, 4.5031

Previews

White Background



This preview shows how the XYZ color 74.3160, 89.5366, 76.3162 looks on a white background.

Color Contrast Check

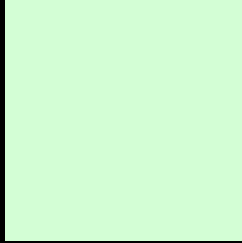
Large Text (above 18pt) WCAG AA × Fail

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 74.3160, 89.5366, 76.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

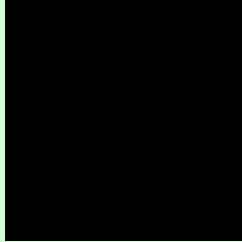
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

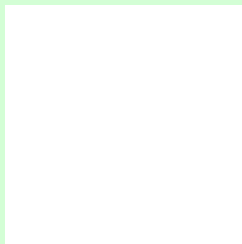
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3160, 89.5366, 76.3162

Background



This preview shows how black text looks on a background with the XYZ color 74.3160, 89.5366, 76.3162.



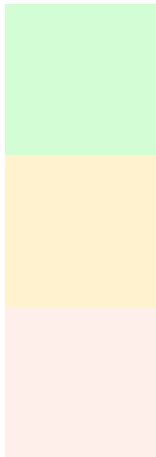
This preview shows how white text looks on a background with the XYZ color 74.3160, 89.5366,

76.3162.

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

74.3160, 89.5366, 76.3162

Protanopia

84.2546, 89.2693, 71.8215

Deuteranopia

86.9578, 88.9335, 90.4246



Tritanopia

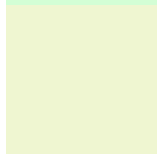
83.6574, 89.5137, 107.4764

Trichromacy



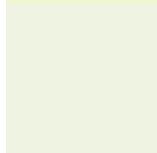
Original Color

74.3160, 89.5366, 76.3162



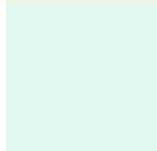
Protanomaly

80.0610, 88.8657, 73.2547



Deuteranomaly

81.6748, 88.5431, 84.7373



Tritanomaly

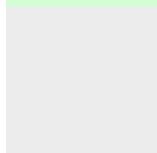
80.0360, 89.2734, 95.4512

Monochromacy



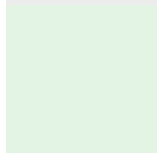
Original Color

74.3160, 89.5366, 76.3162



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.7327, 86.0335, 85.9080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3160, 89.5366, 76.3162 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(211, 254, 213)` looks like.

```
.text, #text, p{  
    color:rgb(211, 254, 213)  
}
```

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(211, 254, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 254, 213) }
```

Border

The CSS property to change the border of an element to XYZ 74.3160, 89.5366, 76.3162 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(211, 254, 213) }
```


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

```
.border{ border-color:rgb(211, 254, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 254, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 254, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 254, 213);  
box-shadow:4px 4px 4px 4px rgb(211, 254,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3160, 89.5366, 76.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 254, 213) }
```

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

```
.background{ background-color: rgb(211,  
254, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor