

Converting Colors

XYZ(75.5094, 89.3120, 77.4749)

Have a look what the booklet for
XYZ(75.5094, 89.3120, 77.4749)
contains.

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Color

**XYZ(75.3950, 89.1260,
77.5193)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FCD7
RGB	216, 252, 215
RGB Percent	85%, 99%, 84%
CMY	0.1529, 0.0117, 0.1569
CMYK	0.14, 0.00, 0.15, 0.01
HSL	118°, 86%, 92%
HSV	118°, 15%, 99%
XYZ	75.3950, 89.1260, 77.5193
YIQ	237.0180, -9.5790, -19.1390

Conversions

Conversions Part 2

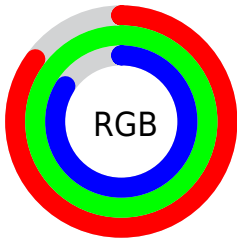
Format	Color
R_{YB}	215, 252, 251
Decimal	14220503
CIE _{Lab}	95.63, -18.33, 13.89
CIE _{LCh}	96, 22.995, 142.855
Yxy	89.1260, 0.3115, 0.3682
Android (android.graphics.Color)	4292410583 (0xFFD8FCD7)
YUV	237.0180, -10.8549, -18.4328
Hunter-Lab	94.4066, -22.6578, 17.4003

Details

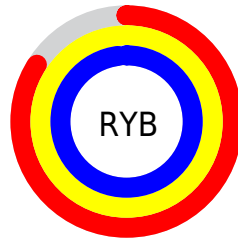
The XYZ color **75.3950, 89.1260, 77.5193** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.6585, 76.1409, 102.4929**, and the grayscale version is **80.5984, 84.7957, 92.3426**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5582, 49.1453, 40.6061** is the 20% darker color. If you saturate the color by 10%, you get **65.6918, 84.4722, 61.4440**, and if you desaturate by 10%, it is **86.6829, 94.5442, 96.2761**.

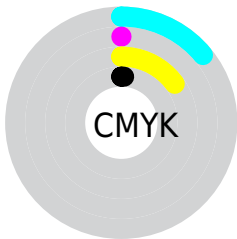
Distribution



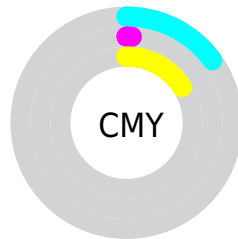
- Red (85%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (98%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (15%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3950, 89.1260, 77.5193 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 75.3950, 89.1260, 77.5193 by changing the saturation by 10% instead.


 75.3950, 89.1260,
77.5193

 75.3950, 89.1260,
77.5193


468.2504,
525.1837, 506.0174

 56.2319, 67.2560,
57.1651


125.8563,
146.1238, 131.6520

 40.6266, 49.2927,
40.7275


157.8851,
182.0203, 166.2675

 28.2138, 34.8517,
27.7882


194.9332,
223.3612, 206.4739

 18.6282, 23.5487,
17.9284

237.3660,
270.5307, 252.6896

 11.5043, 14.9992,
10.7297

285.5487,
323.9133, 305.3333

 6.4769, 8.8188,
5.7735

339.8468,

 3.1806, 4.6232,

383.8934, 364.8235

2.6413

400.6256,
450.8554, 431.5787

■ 1.2500, 2.0279,
0.9137

■ 0.1453, 0.6236,
0.0000

■ 75.3950, 89.1260,
77.5193

■ 75.3950, 89.1260,
77.5193

■ 65.6918, 84.4722,
61.4440

■ 86.6829, 94.5442,
96.2761

■ 57.4955, 80.5376,
47.9222

■ 94.1021, 98.1043,
108.5840

■ 50.7328, 77.2900,
36.8243

■ 45.3213, 74.6898,
28.0072

■ 41.1702, 72.6937,
21.3124

■ 38.1776, 71.2530,
16.5616

■ 36.2260, 70.3116,
13.5469

■ 35.1726, 69.8014,
12.0136

■ 34.8973, 69.6682,
11.6080

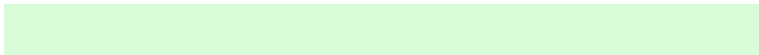
Harmonies

Analogous

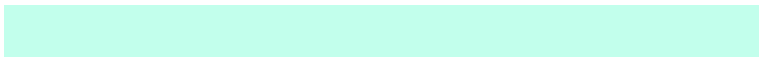
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0816, 89.1260, 68.3911



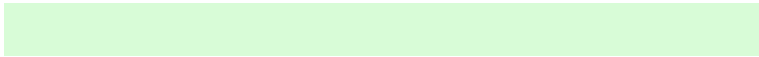
75.3950, 89.1260, 77.5193



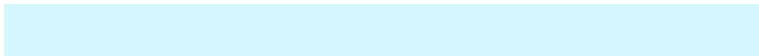
73.2235, 89.1260, 92.7807

Triad

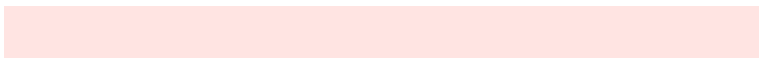
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3950, 89.1260, 77.5193



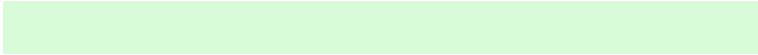
83.2099, 89.1260, 135.8074



96.4029, 89.1260, 84.1512

Complementary

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



75.3950, 89.1260, 77.5193



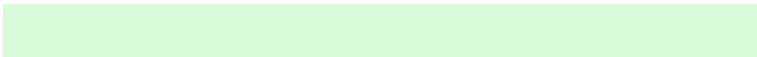
81.6585, 76.1409, 102.4929

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.



97.3425, 89.1260, 101.4340



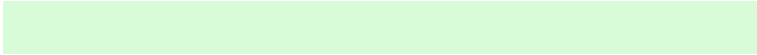
75.3950, 89.1260, 77.5193



89.5167, 89.1260, 132.7522

Square

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



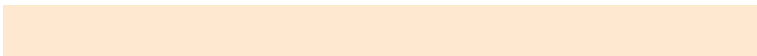
75.3950, 89.1260, 77.5193



77.5877, 89.1260, 127.4919



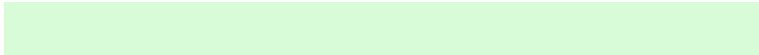
94.7657, 89.1260, 119.5971



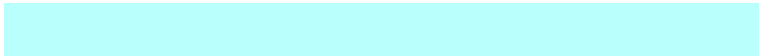
92.2587, 89.1260, 71.8748

Rectangle

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



75.3950, 89.1260, 77.5193



73.4143, 89.1260, 104.9888



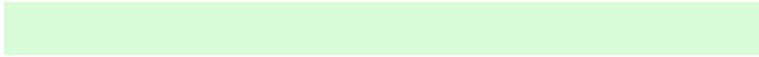
94.7657, 89.1260, 119.5971



97.1122, 89.1260, 89.5087

Sweetspot

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



75.3974, 89.1298, 77.5213



89.8934, 97.5264, 100.3128



86.8389, 94.4549, 77.9461



19.0398, 20.7782, 21.1365



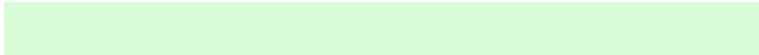
0.0000, 0.0000, 0.0000



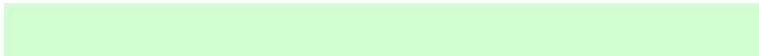
20.3446, 21.4041, 23.3091

Same Dimension

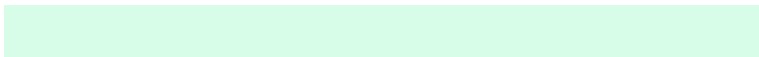
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3974, 89.1298, 77.5213



73.9561, 89.8799, 73.8372



77.4410, 89.9132, 89.8188



17.0607, 19.3315, 18.2946



18.1969, 36.2991, 6.0474



1.7001, 3.3695, 0.5608

Inverse Universe

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



81.6585, 76.1409, 102.4929



81.6605, 73.8957, 104.5671



79.4053, 75.2814, 88.7440



17.9440, 17.4993, 21.8172



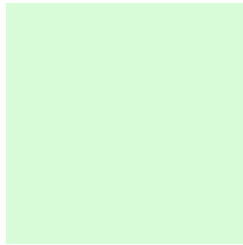
28.8253, 13.8027, 49.1185



2.6840, 1.2857, 4.5499

Previews

White Background



This preview shows how the XYZ color 75.3950, 89.1260, 77.5193 looks on a white background.

Color Contrast Check

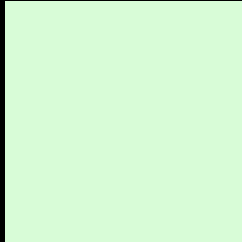
Large Text (above 18pt) WCAG AA × Fail

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 75.3950, 89.1260, 77.5193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

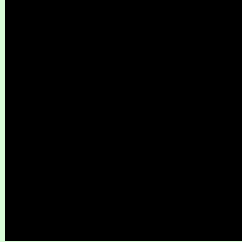
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

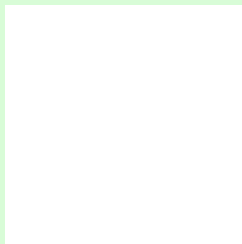
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3950, 89.1260, 77.5193

Background



This preview shows how black text looks on a background with the XYZ color 75.3950, 89.1260, 77.5193.

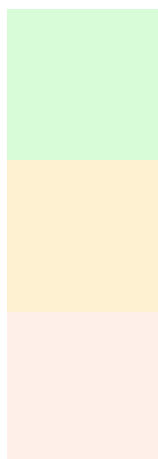


This preview shows how white text looks on a background with the XYZ color 75.3950, 89.1260,

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

75.3950, 89.1260, 77.5193

Protanopia

83.9612, 88.6346, 73.6557

Deuteranopia

86.8145, 88.8762, 89.6700



Tritanopia

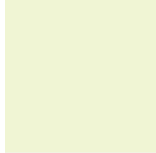
83.6794, 89.0772, 107.3910

Trichromacy



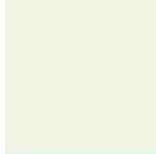
Original Color

75.3950, 89.1260, 77.5193



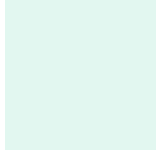
Protanomaly

80.4713, 88.5835, 75.1444



Deuteranomaly

82.3538, 88.8931, 84.7691



Tritanomaly

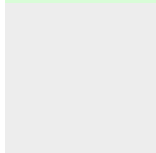
80.3530, 88.9816, 95.3782

Monochromacy



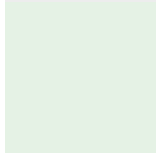
Original Color

75.3950, 89.1260, 77.5193



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.2081, 85.8194, 86.5715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3950, 89.1260, 77.5193 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(216, 252, 215)` looks like.

```
.text, #text, p{  
    color:rgb(216, 252, 215)  
}
```

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(216, 252, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 252, 215) }
```

Border

The CSS property to change the border of an element to XYZ 75.3950, 89.1260, 77.5193 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(216, 252, 215) }
```


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

```
.border{ border-color:rgb(216, 252, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 252, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 252, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 252, 215);  
box-shadow:4px 4px 4px 4px rgb(216, 252,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3950, 89.1260, 77.5193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 252, 215) }
```

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

```
.background{ background-color: rgb(216,  
252, 215) }
```

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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