

Converting Colors

XYZ(73.4059, 85.0505, 76.3006)

Have a look what the booklet for
XYZ(73.4059, 85.0505, 76.3006)
contains.

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Color

**XYZ(73.4053, 84.9116,
76.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F5D6
RGB	217, 245, 214
RGB Percent	85%, 96%, 84%
CMY	0.1490, 0.0392, 0.1608
CMYK	0.11, 0.00, 0.13, 0.04
HSL	114°, 61%, 90%
HSV	114°, 13%, 96%
XYZ	73.4053, 84.9116, 76.1390
YIQ	233.0940, -6.7370, -15.5770

Conversions

Conversions Part 2

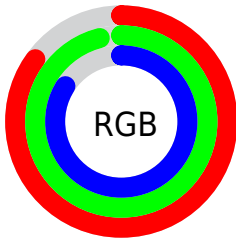
Format	Color
R _Y B	214, 245, 242
Decimal	14284246
CIE Lab	93.85, -14.73, 11.87
CIE LCh	94, 18.917, 141.140
Yxy	84.9116, 0.3131, 0.3622
Android (android.graphics.Color)	4292474326 (0xFFD9F5D6)
YUV	233.0940, -9.4133, -14.1144
Hunter-Lab	92.1475, -19.0638, 15.5135

Details

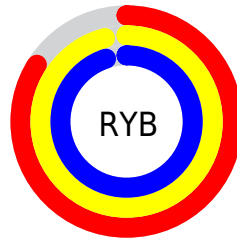
The XYZ color **73.4053, 84.9116, 76.1390** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.1493, 73.5653, 96.5239**, and the grayscale version is **77.5972, 81.6382, 88.9041**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3559, 46.5798, 39.7174** is the 20% darker color. If you saturate the color by 10%, you get **64.3663, 80.5891, 60.5927**, and if you desaturate by 10%, it is **83.8017, 89.8844, 94.2091**.

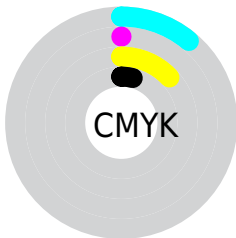
Distribution



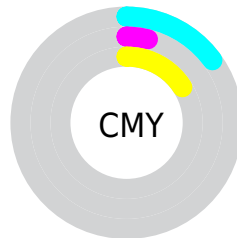
- Red (85%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4053, 84.9116, 76.1390 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 73.4053, 84.9116, 76.1390 by changing the saturation by 10% instead.

73.4053, 84.9116,
76.1390

73.4053, 84.9116,
76.1390

461.5004,
511.3355, 501.1829

54.5970, 63.7683,
56.0392

123.0525,
140.2497, 129.6853

39.3117, 46.4631,
39.8301

154.6220,
175.2133, 163.9688

27.1841, 32.6114,
27.0933

191.1760,
215.5524, 203.8172

17.8489, 21.8289,
17.4103

233.0798,
261.6515, 249.6492

10.9406, 13.7312,
10.3624

280.6988,
313.8950, 301.8832

6.0939, 7.9340,
5.5312

334.3983,

2.9434, 4.0527,

372.6672, 360.9378

2.4980

394.5437,
438.3526, 427.2315

■ 1.1239, 1.7031,
0.8391

■ 0.0450, 0.4257,
0.0000

■ 73.4053, 84.9116,
76.1390

■ 73.4053, 84.9116,
76.1390

■ 64.3663, 80.5891,
60.5927

■ 83.8017, 89.8844,
94.2091

■ 56.6221, 76.8796,
47.4526

■ 91.9441, 93.7882,
107.8647

■ 50.1151, 73.7586,
36.6002

■ 44.7810, 71.1957,
27.9048

■ 40.5496, 69.1578,
21.2224

■ 37.3431, 67.6084,
16.3915

■ 35.0732, 66.5060,
13.2259

■ 33.6368, 65.8021,
11.5004

■ 33.0238, 65.4987,
10.9020

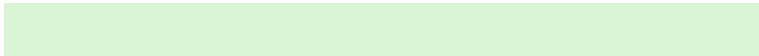
Harmonies

Analogous

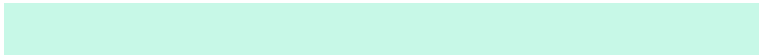
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2672, 84.9116, 68.9473



73.4053, 84.9116, 76.1390



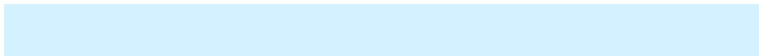
71.5203, 84.9116, 88.2528

Triad

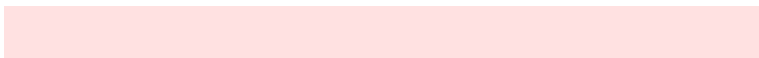
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4053, 84.9116, 76.1390



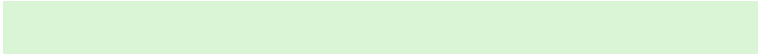
79.2252, 84.9116, 122.6181



90.0687, 84.9116, 82.8184

Complementary

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



73.4053, 84.9116, 76.1390



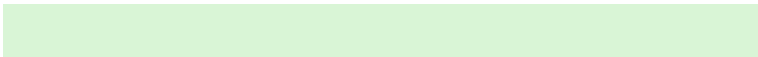
77.1493, 73.5653, 96.5239

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.



90.6462, 84.9116, 96.7871



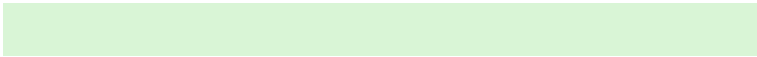
73.4053, 84.9116, 76.1390



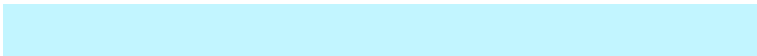
84.2452, 84.9116, 120.7757

Square

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



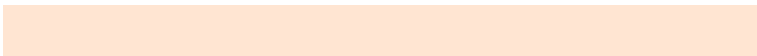
73.4053, 84.9116, 76.1390



74.7876, 84.9116, 115.7483



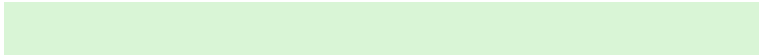
88.4752, 84.9116, 110.9482



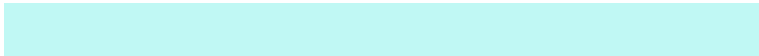
86.9286, 84.9116, 72.5160

Rectangle

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



73.4053, 84.9116, 76.1390



71.5820, 84.9116, 97.9110



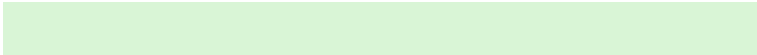
88.4752, 84.9116, 110.9482



90.5740, 84.9116, 87.2042

Sweetspot

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



73.4076, 84.9152, 76.1409



90.1422, 97.6547, 100.3244



81.5199, 87.7164, 76.2540



19.1025, 20.8105, 21.1394



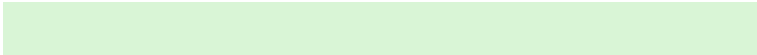
0.0000, 0.0000, 0.0000



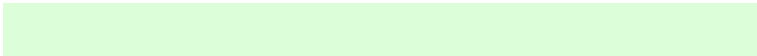
20.3446, 21.4041, 23.3091

Same Dimension

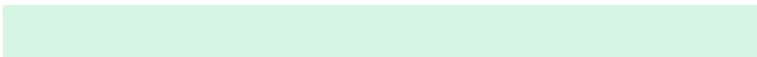
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4076, 84.9152, 76.1409



77.9037, 91.8028, 79.0890



74.1691, 85.1177, 84.7623



16.4309, 18.5487, 17.5118



17.8402, 35.3097, 5.8752



1.6171, 3.1287, 0.5187

Inverse Universe

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



77.1493, 73.5653, 96.5239



82.6901, 77.2818, 105.1664



76.3566, 73.3681, 86.9316



17.0463, 16.6821, 20.8641



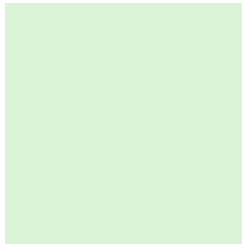
25.0572, 11.8918, 47.5127



2.2473, 1.0684, 4.1780

Previews

White Background



This preview shows how the XYZ color 73.4053, 84.9116, 76.1390 looks on a white background.

Color Contrast Check

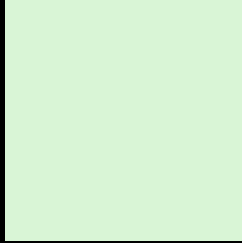
Large Text (above 18pt) WCAG AA × Fail

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 73.4053, 84.9116, 76.1390 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

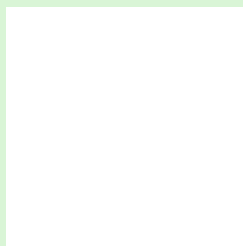
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4053, 84.9116, 76.1390

Background



This preview shows how black text looks on a background with the XYZ color 73.4053, 84.9116, 76.1390.



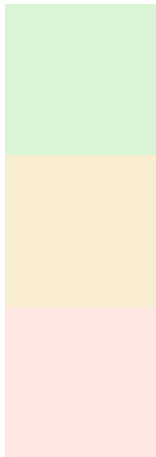
This preview shows how white text looks on a background with the XYZ color 73.4053, 84.9116,

76.1390.

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

73.4053, 84.9116, 76.1390

Protanopia

80.2155, 84.5508, 72.4137

Deuteranopia

83.8241, 84.4642, 83.8367



Tritanopia

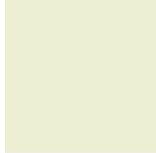
80.2805, 85.1218, 106.8066

Trichromacy



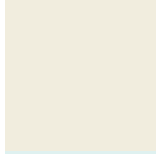
Original Color

73.4053, 84.9116, 76.1390



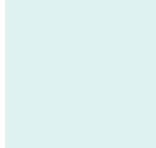
Protanomaly

77.5494, 84.4407, 73.8394



Deuteranomaly

79.7446, 84.5431, 81.2227



Tritanomaly

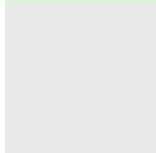
77.6149, 84.8898, 94.7327

Monochromacy



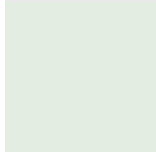
Original Color

73.4053, 84.9116, 76.1390



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.6902, 82.3903, 83.8651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4053, 84.9116, 76.1390 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(217, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(217, 245, 214)  
}
```

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(217, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 245, 214) }
```

Border

The CSS property to change the border of an element to XYZ 73.4053, 84.9116, 76.1390 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(217, 245, 214) }
```


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

```
.border{ border-color:rgb(217, 245, 214) }
```

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

Here you see how a box with a 4 pixel rgb(217, 245, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(217, 245,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4053, 84.9116, 76.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 245, 214) }
```

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

```
.background{ background-color: rgb(217,  
245, 214) }
```

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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