

# Converting Colors

XYZ(73.3826, 84.7400, 75.4418)

Have a look what the booklet for  
XYZ(73.3826, 84.7400, 75.4418)  
contains.

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# Color

**XYZ(73.5761, 85.0143,  
75.4823)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAF5D5
RGB	218, 245, 213
RGB Percent	85%, 96%, 84%
CMY	0.1451, 0.0392, 0.1647
CMYK	0.11, 0.00, 0.13, 0.04
HSL	111°, 62%, 90%
HSV	111°, 13%, 96%
XYZ	73.5761, 85.0143, 75.4823
YIQ	233.2790, -5.8200, -15.6760

# Conversions

## Conversions Part 2

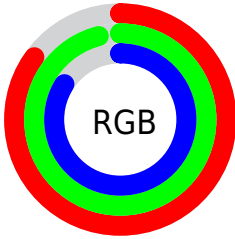
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 245, 240
Decimal	14349781
CIE <sub>Lab</sub>	93.89, -14.57, 12.46
CIE <sub>LCh</sub>	94, 19.166, 139.462
Yxy	85.0143, 0.3143, 0.3632
Android (android.graphics.Color)	4292539861 (0xFFDAF5D5)
YUV	233.2790, -9.9975, -13.3997
Hunter-Lab	92.2032, -18.9166, 16.0044

# Details

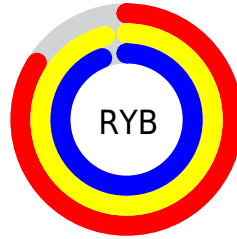
The XYZ color **73.5761, 85.0143, 75.4823** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.2142, 72.7086, 96.4078**, and the grayscale version is **77.7403, 81.7889, 89.0681**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4734, 46.6503, 39.2717** is the 20% darker color. If you saturate the color by 10%, you get **64.8974, 80.8753, 60.0509**, and if you desaturate by 10%, it is **83.5005, 89.7461, 93.4280**.

# Distribution



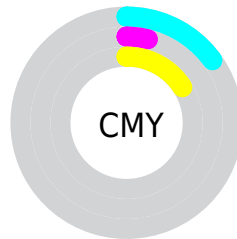
- Red (85%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (94%)



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5761, 85.0143, 75.4823 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 73.5761, 85.0143, 75.4823 by changing the saturation by 10% instead.



73.5761, 85.0143,  
75.4823

73.5761, 85.0143,  
75.4823

462.0820,  
511.6754, 498.8732

54.7372, 63.8532,  
55.5040

123.2934,  
140.3932, 128.7482

39.4244, 46.5318,  
39.4041

154.9026,  
175.3797, 162.8729

27.2722, 32.6657,  
26.7640

191.4993,  
215.7435, 202.5501

17.9154, 21.8704,  
17.1652

233.4487,  
261.8690, 248.1984

10.9886, 13.7617,  
10.1891

281.1164,  
314.1405, 300.2364

6.1264, 7.9551,  
5.4173

334.8676,

2.9635, 4.0663,

372.9425, 359.0824

2.4311

395.0677,  
438.6593, 425.1552

■ 1.1345, 1.7107,  
0.8033

■ 0.0537, 0.4306,  
0.0000

■ 73.5761, 85.0143,  
75.4823

■ 73.5761, 85.0143,  
75.4823

■ 64.8974, 80.8753,  
60.0509

■ 83.5005, 89.7461,  
93.4280

■ 57.4080, 77.2951,  
47.0161

■ 91.9440, 93.7881,  
107.8647

■ 51.0578, 74.2530,  
36.2594

■ 45.7900, 71.7225,  
27.6500

■ 41.5433, 69.6750,  
21.0437

■ 38.2497, 68.0792,  
16.2787

■ 35.8327, 66.8995,  
13.1680

■ 34.2033, 66.0951,  
11.4851

■ 33.4635, 65.7254,  
10.9226

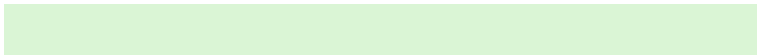
# Harmonies

## Analogous

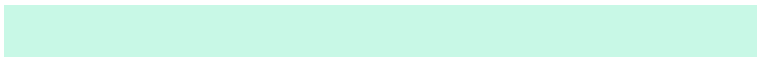
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5793, 85.0143, 68.5259



73.5761, 85.0143, 75.4823



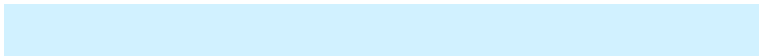
71.5389, 85.0143, 87.5231

# Triad

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



73.5761, 85.0143, 75.4823



79.0229, 85.0143, 123.0211



90.4090, 85.0143, 83.5185

# Complementary

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



73.5761, 85.0143, 75.4823



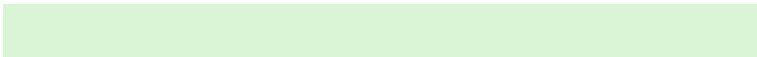
76.2142, 72.7086, 96.4078

# 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.



90.8354, 85.0143, 97.7993



73.5761, 85.0143, 75.4823



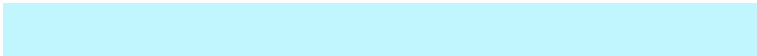
84.1159, 85.0143, 121.6587

# Square

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



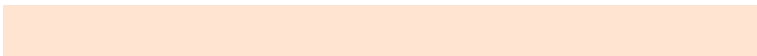
73.5761, 85.0143, 75.4823



74.5946, 85.0143, 115.5980



88.4894, 85.0143, 112.0508

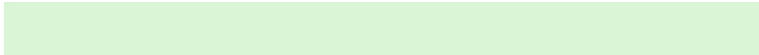


87.3478, 85.0143, 72.8167

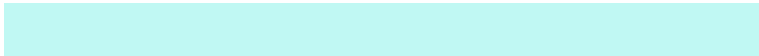


# Rectangle

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



73.5761, 85.0143, 75.4823



71.5094, 85.0143, 97.2614



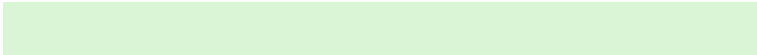
88.4894, 85.0143, 112.0508



90.8700, 85.0143, 88.0245

# Sweetspot

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



73.5784, 85.0179, 75.4842



90.3551, 97.7644, 100.3344



80.7320, 86.3446, 75.3632



19.1561, 20.8382, 21.1419



0.0000, 0.0000, 0.0000

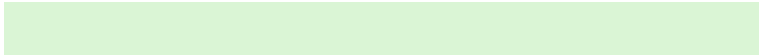


20.3446, 21.4041, 23.3091

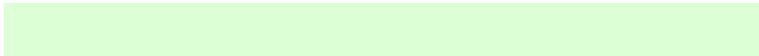


# Same Dimension

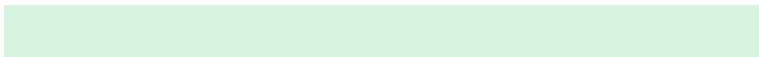
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5784, 85.0179, 75.4842



77.6123, 91.6906, 77.3598



73.5050, 84.8184, 82.7839



16.5232, 18.5963, 17.5161



18.0995, 35.4434, 5.8873



1.6607, 3.1512, 0.5207



# Inverse Universe

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



76.2142, 72.7086, 96.4078



81.0810, 75.4856, 104.9045



76.3527, 72.9628, 88.1554



16.9445, 16.6295, 20.8593



22.7971, 10.7267, 47.4069

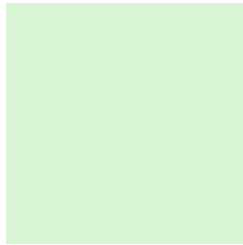


2.0706, 0.9773, 4.1697



# Previews

## White Background



This preview shows how the XYZ color 73.5761, 85.0143, 75.4823 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

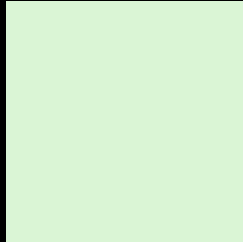
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.5761, 85.0143, 75.4823 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

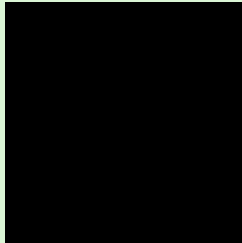
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

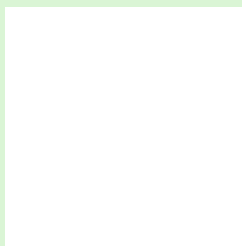
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 73.5761, 85.0143, 75.4823**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.5761, 85.0143, 75.4823.



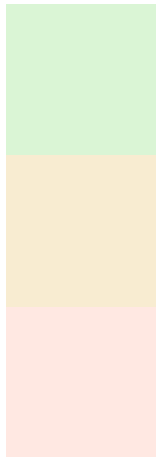
This preview shows how white text looks on a background with the XYZ color 73.5761, 85.0143,

75.4823.

# 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

73.5761, 85.0143, 75.4823

### Protanopia

80.2155, 84.5508, 72.4137

### Deuteranopia

83.8241, 84.4642, 83.8367



## Tritanopia

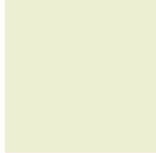
80.3031, 84.7000, 106.7240

# Trichromacy



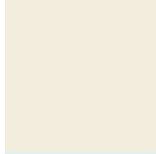
## Original Color

73.5761, 85.0143, 75.4823



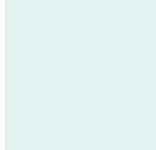
## Protanomaly

77.4244, 84.3907, 73.1811



## Deuteranomaly

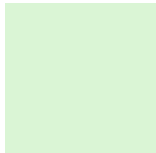
79.9533, 84.6661, 80.5348



## Tritanomaly

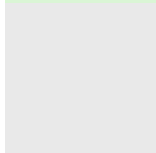
77.9239, 85.0492, 94.7472

# Monochromacy



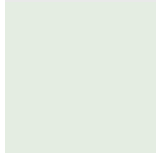
## Original Color

73.5761, 85.0143, 75.4823



## Achromatopsia

77.4512, 81.4847, 88.7368



## Achromatomaly

76.0066, 82.5533, 83.8799

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.5761, 85.0143, 75.4823 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(218, 245, 213)` looks like.

```
.text, #text, p{  
    color:rgb(218, 245, 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(218, 245, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 245, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 73.5761, 85.0143, 75.4823 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(218, 245, 213) }
```



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

```
.border{ border-color:rgb(218, 245, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 245, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 245, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 245, 213);  
box-shadow:4px 4px 4px 4px rgb(218, 245,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.5761, 85.0143, 75.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 245, 213) }
```

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

```
.background{ background-color: rgb(218,  
245, 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](#).

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