

Converting Colors

XYZ(73.5795, 85.6566, 75.3352)

Have a look what the booklet for
XYZ(73.5795, 85.6566, 75.3352)
contains.

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Color

**XYZ(73.5813, 85.4673,
75.5695)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F6D5
RGB	217, 246, 213
RGB Percent	85%, 96%, 84%
CMY	0.1490, 0.0353, 0.1647
CMYK	0.12, 0.00, 0.13, 0.04
HSL	113°, 65%, 90%
HSV	113°, 13%, 96%
XYZ	73.5813, 85.4673, 75.5695
YIQ	233.5670, -6.6910, -16.4110

Conversions

Conversions Part 2

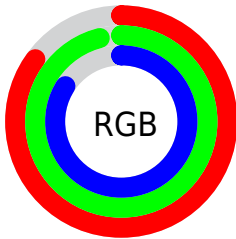
Format	Color
R _Y B	213, 246, 242
Decimal	14284501
CIE Lab	94.08, -15.39, 12.72
CIE LCh	94, 19.973, 140.424
Yxy	85.4673, 0.3136, 0.3643
Android (android.graphics.Color)	4292474581 (0xFFD9F6D5)
YUV	233.5670, -10.1395, -14.5293
Hunter-Lab	92.4485, -19.7138, 16.2490

Details

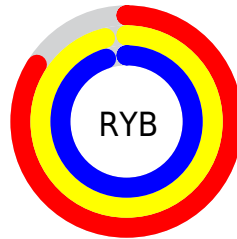
The XYZ color **73.5813, 85.4673, 75.5695** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.0501, 73.1219, 97.2461**, and the grayscale version is **77.9592, 82.0192, 89.3189**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4853, 46.9769, 39.3341** is the 20% darker color. If you saturate the color by 10%, you get **64.6824, 81.2161, 60.0713**, and if you desaturate by 10%, it is **83.8004, 90.3493, 93.6055**.

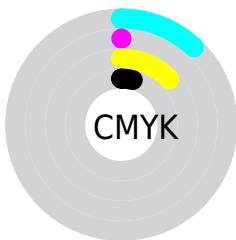
Distribution



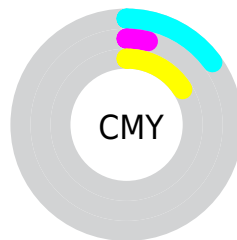
- Red (85%)
- Green (96%)
- Blue (84%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5813, 85.4673, 75.5695 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 73.5813, 85.4673, 75.5695 by changing the saturation by 10% instead.

73.5813, 85.4673,
75.5695

73.5813, 85.4673,
75.5695

462.0997,
513.1731, 499.1803

54.7415, 64.2276,
55.5750

123.3008,
141.0259, 128.8727

39.4278, 46.8350,
39.4606

154.9112,
176.1135, 163.0185

27.2749, 32.9052,
26.8076

191.5091,
216.5859, 202.7185

17.9175, 22.0539,
17.1977

233.4600,
262.8275, 248.3912

10.9901, 13.8965,
10.2121

281.1291,
315.2226, 300.4552

6.1274, 8.0487,
5.4324

334.8819,

2.9641, 4.1261,

374.1556, 359.3290

2.4400

395.0836,
440.0110, 425.4312

■ 1.1348, 1.7444,
0.8081

■ 0.0539, 0.4521,
0.0000

■ 73.5813, 85.4673,
75.5695

■ 73.5813, 85.4673,
75.5695

■ 64.6824, 81.2161,
60.0713

■ 83.8004, 90.3493,
93.6055

■ 57.0431, 77.5594,
46.9917

■ 92.2474, 94.3948,
107.9658

■ 50.6081, 74.4740,
36.2105

■ 45.3155, 71.9308,
27.5948

■ 41.0978, 69.8982,
20.9983

■ 37.8804, 68.3411,
16.2565

■ 35.5785, 67.2202,
13.1790

■ 34.0932, 66.4893,
11.5348

■ 33.4874, 66.1880,
11.0106

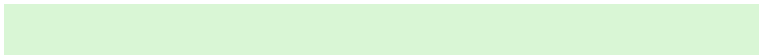
Harmonies

Analogous

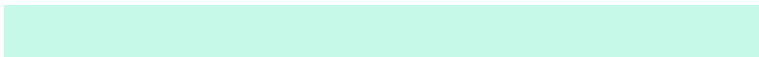
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7068, 85.4673, 68.1541



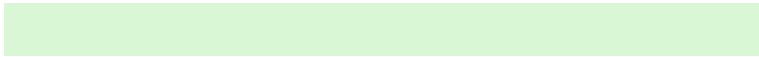
73.5813, 85.4673, 75.5695



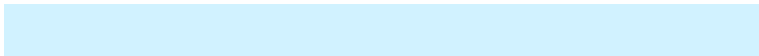
71.5332, 85.4673, 88.2572

Triad

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



73.5813, 85.4673, 75.5695



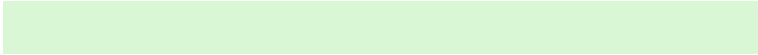
79.5396, 85.4673, 125.1376



91.2313, 85.4673, 83.1794

Complementary

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



73.5813, 85.4673, 75.5695



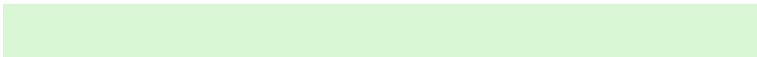
77.0501, 73.1219, 97.2461

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.



91.7747, 85.4673, 98.0326



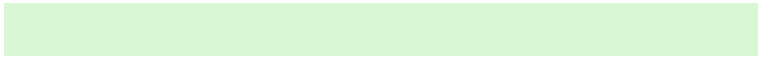
73.5813, 85.4673, 75.5695



84.8666, 85.4673, 123.3945

Square

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



73.5813, 85.4673, 75.5695



74.8725, 85.4673, 117.5894



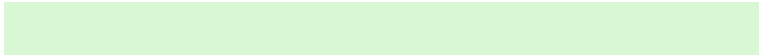
89.3999, 85.4673, 113.0588



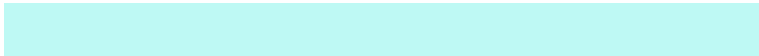
87.9462, 85.4673, 72.2026

Rectangle

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



73.5813, 85.4673, 75.5695



71.5574, 85.4673, 98.4765



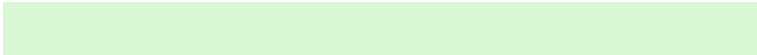
89.3999, 85.4673, 113.0588



91.7461, 85.4673, 87.8446

Sweetspot

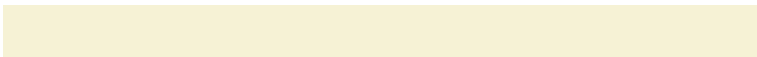
The Sweet Spot groups the original color and five complimentary colors.



73.5836, 85.4710, 75.5714



90.2296, 97.6997, 100.3285



81.6531, 87.6673, 75.5700



19.1245, 20.8219, 21.1404



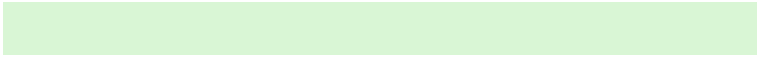
0.0000, 0.0000, 0.0000



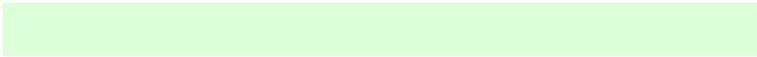
20.3446, 21.4041, 23.3091

Same Dimension

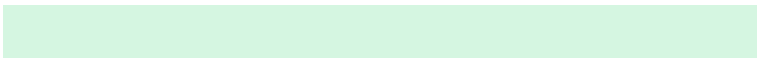
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5836, 85.4710, 75.5714



77.1800, 91.4677, 77.3395



74.0032, 85.5031, 83.9114



16.4687, 18.5682, 17.5136



17.9339, 35.3580, 5.8796



1.6350, 3.1379, 0.5195

Inverse Universe

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



77.0501, 73.1219, 97.2461



81.5915, 75.7487, 104.9284



76.6402, 73.1183, 87.8436



17.0044, 16.6604, 20.8621



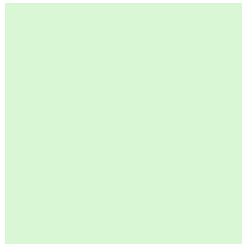
24.1045, 11.4006, 47.4681



2.1731, 1.0301, 4.1745

Previews

White Background



This preview shows how the XYZ color 73.5813, 85.4673, 75.5695 looks on a white background.

Color Contrast Check

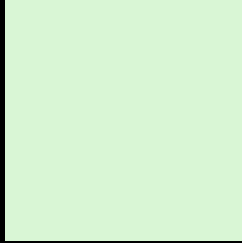
Large Text (above 18pt) WCAG AA × Fail

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 73.5813, 85.4673, 75.5695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

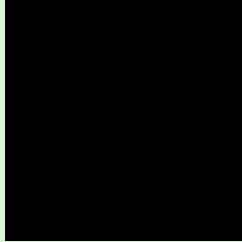
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

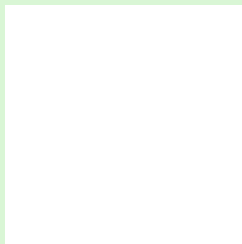
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5813, 85.4673, 75.5695

Background



This preview shows how black text looks on a background with the XYZ color 73.5813, 85.4673, 75.5695.



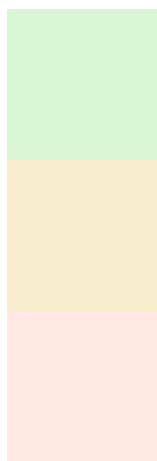
This preview shows how white text looks on a background with the XYZ color 73.5813, 85.4673,

75.5695.

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



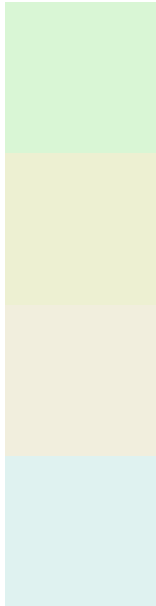
Original Color
73.5813, 85.4673, 75.5695
Protanopia
80.7363, 85.2622, 71.8765
Deuteranopia
84.1064, 85.0288, 83.9308



Tritanopia

80.5951, 85.2839, 106.8214

Trichromacy



Original Color

73.5813, 85.4673, 75.5695

Protanomaly

77.7180, 84.9778, 73.2790

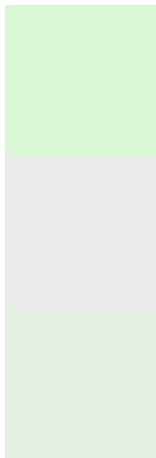
Deuteranomaly

79.9013, 85.0703, 80.6156

Tritanomaly

77.9117, 85.4835, 94.8317

Monochromacy



Original Color

73.5813, 85.4673, 75.5695

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.2969, 83.1340, 83.9767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5813, 85.4673, 75.5695 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, 246, 213) looks like.

```
.text, #text, p{  
    color:rgb(217, 246, 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(217, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 246, 213) }
```

Border

The CSS property to change the border of an element to XYZ 73.5813, 85.4673, 75.5695 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, 246, 213) }
```


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

```
.border{ border-color:rgb(217, 246, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 246, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 246, 213); box-shadow:4px 4px 4px 4px rgb(217, 246, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5813, 85.4673, 75.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 246, 213) }
```

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

```
.background{ background-color: rgb(217,  
246, 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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