

Converting Colors

XYZ(74.1517, 85.6343, 75.7533)

Have a look what the booklet for
XYZ(74.1517, 85.6343, 75.7533)
contains.

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Color

**XYZ(74.1794, 85.7757,
75.5975)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF6D5
RGB	219, 246, 213
RGB Percent	86%, 96%, 84%
CMY	0.1412, 0.0353, 0.1647
CMYK	0.11, 0.00, 0.13, 0.04
HSL	109°, 65%, 90%
HSV	109°, 13%, 96%
XYZ	74.1794, 85.7757, 75.5975
YIQ	234.1650, -5.4990, -15.9870

Conversions

Conversions Part 2

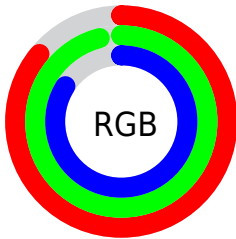
Format	Color
R_{YB}	213, 246, 240
Decimal	14415573
CIE _{Lab}	94.22, -14.72, 12.93
CIE _{LCh}	94, 19.596, 138.710
Yxy	85.7757, 0.3149, 0.3641
Android (android.graphics.Color)	4292605653 (0xFFDBF6D5)
YUV	234.1650, -10.4343, -13.2997
Hunter-Lab	92.6152, -19.1084, 16.4349

Details

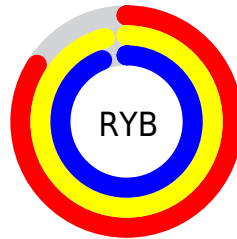
The XYZ color **74.1794, 85.7757, 75.5975** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.3675, 72.7700, 97.2143**, and the grayscale version is **78.4132, 82.4968, 89.8390**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8949, 47.1880, 39.3533** is the 20% darker color. If you saturate the color by 10%, you get **65.5973, 81.6878, 60.1141**, and if you desaturate by 10%, it is **83.9722, 90.4380, 93.6135**.

Distribution



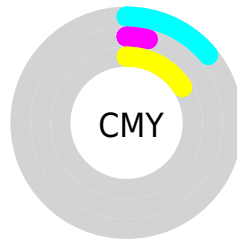
- Red (86%)
- Green (96%)
- Blue (84%)



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



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



- Cyan (14%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1794, 85.7757, 75.5975 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 74.1794, 85.7757, 75.5975 by changing the saturation by 10% instead.

74.1794, 85.7757,
75.5975

74.1794, 85.7757,
75.5975

464.1331,
514.1913, 499.2789

55.2327, 64.4825,
55.5978

124.1442,
141.4564, 128.9127

39.8226, 47.0416,
39.4788

155.8930,
176.6128, 163.0652

27.5839, 33.0685,
26.8217

192.6399,
217.1590, 202.7726

18.1511, 22.1790,
17.2081

234.7503,
263.4794, 248.4531

11.1588, 13.9885,
10.2194

282.5894,
315.9584, 300.5255

6.2419, 8.1126,
5.4372

336.5227,

3.0347, 4.1671,

374.9805, 359.4082

2.4428

396.9154,
440.9300, 425.5198

■ 1.1722, 1.7675,
0.8096

■ 0.0842, 0.4668,
0.0000

■ 74.1794, 85.7757,
75.5975

■ 74.1794, 85.7757,
75.5975

■ 65.5973, 81.6878,
60.1141

■ 83.9722, 90.4380,
93.6135

■ 58.1715, 78.1413,
47.0445

■ 92.2475, 94.3949,
107.9658

■ 51.8541, 75.1165,
36.2688

■ 46.5908, 72.5884,
27.6545

■ 42.3227, 70.5297,
21.0556

■ 38.9849, 68.9106,
16.3081

■ 36.5042, 67.6975,
13.2224

■ 34.7957, 66.8516,
11.5677

■ 34.0273, 66.4664,
11.0359

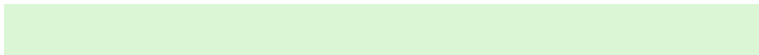
Harmonies

Analogous

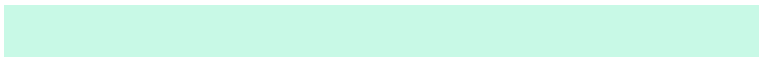
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3337, 85.7757, 68.6150



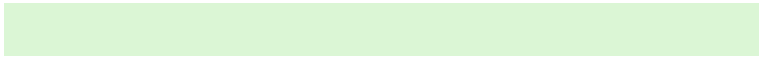
74.1794, 85.7757, 75.5975



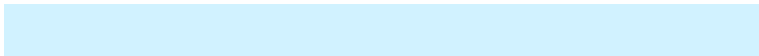
72.0287, 85.7757, 87.8521

Triad

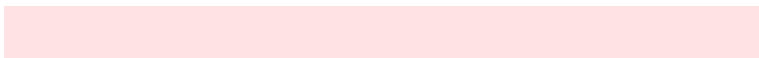
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1794, 85.7757, 75.5975



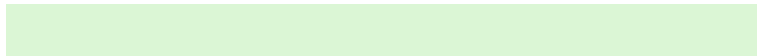
79.5680, 85.7757, 124.6908



91.4608, 85.7757, 84.4301

Complementary

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



74.1794, 85.7757, 75.5975



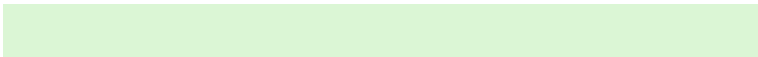
76.3675, 72.7700, 97.2143

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.



91.8262, 85.7757, 99.1666



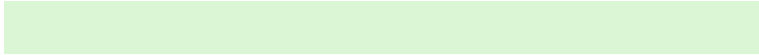
74.1794, 85.7757, 75.5975



84.8064, 85.7757, 123.5211

Square

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



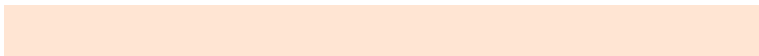
74.1794, 85.7757, 75.5975



75.0496, 85.7757, 116.8302



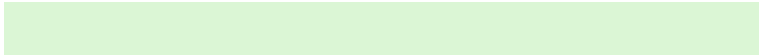
89.3449, 85.7757, 113.7875



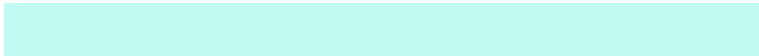
88.3672, 85.7757, 73.3243

Rectangle

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



74.1794, 85.7757, 75.5975



71.9561, 85.7757, 97.8392



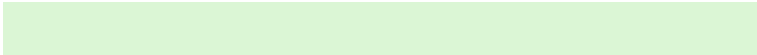
89.3449, 85.7757, 113.7875



91.9116, 85.7757, 89.0878

Sweetspot

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



74.1817, 85.7794, 75.5994



90.4468, 97.8117, 100.3387



81.1653, 86.6917, 75.4074



19.1793, 20.8501, 21.1430



0.0000, 0.0000, 0.0000



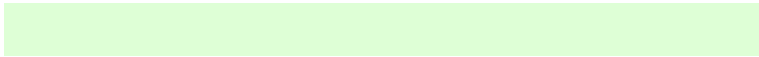
20.3446, 21.4041, 23.3091

Same Dimension

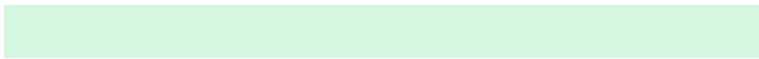
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1817, 85.7794, 75.5994



77.9300, 91.8544, 77.3746



73.7791, 85.4135, 82.7307



16.5631, 18.6168, 17.5180



18.2449, 35.5184, 5.8941



1.6796, 3.1609, 0.5216

Inverse Universe

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



76.3675, 72.7700, 97.2143



80.7111, 75.2949, 104.8872



76.8784, 73.2136, 89.0976



16.9009, 16.6071, 20.8573



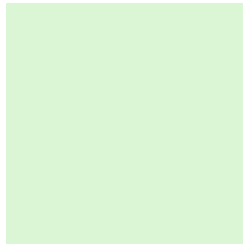
21.8864, 10.2572, 47.3643



1.9988, 0.9403, 4.1664

Previews

White Background



This preview shows how the XYZ color 74.1794, 85.7757, 75.5975 looks on a white background.

Color Contrast Check

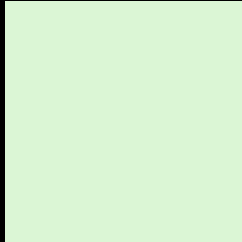
Large Text (above 18pt) WCAG AA × Fail

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 74.1794, 85.7757, 75.5975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

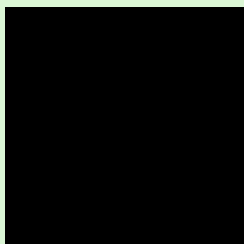
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

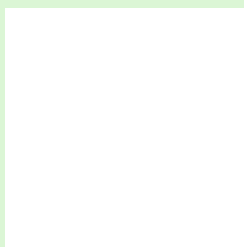
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1794, 85.7757, 75.5975

Background



This preview shows how black text looks on a background with the XYZ color 74.1794, 85.7757, 75.5975.



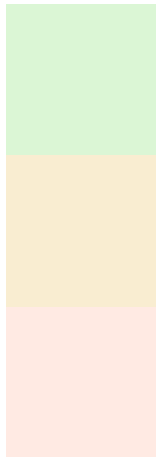
This preview shows how white text looks on a background with the XYZ color 74.1794, 85.7757,

75.5975.

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

74.1794, 85.7757, 75.5975

Protanopia

80.8597, 85.3116, 72.5266

Deuteranopia

84.5279, 85.6517, 84.7504



Tritanopia

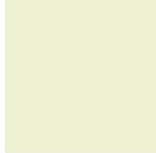
80.9114, 85.4470, 106.8362

Trichromacy



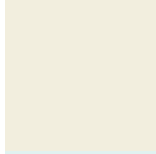
Original Color

74.1794, 85.7757, 75.5975



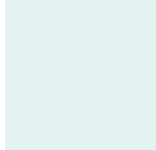
Protanomaly

78.0528, 85.1505, 73.2946



Deuteranomaly

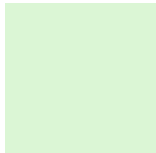
80.3773, 85.3002, 81.3355



Tritanomaly

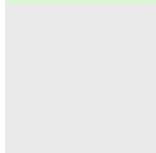
78.5316, 85.8031, 94.8607

Monochromacy



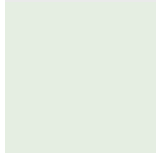
Original Color

74.1794, 85.7757, 75.5975



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.6151, 83.2981, 83.9916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1794, 85.7757, 75.5975 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(219, 246, 213) looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 246, 213) }
```

Border

The CSS property to change the border of an element to XYZ 74.1794, 85.7757, 75.5975 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(219, 246, 213) }
```


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

```
.border{ border-color:rgb(219, 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(219, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 246, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 246, 213);  
box-shadow:4px 4px 4px 4px rgb(219, 246,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1794, 85.7757, 75.5975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 246, 213) }
```

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

```
.background{ background-color: rgb(219,  
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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