

Converting Colors

XYZ(75.4123, 85.5130, 75.4818)

Have a look what the booklet for
XYZ(75.4123, 85.5130, 75.4818)
contains.

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Color

**XYZ(75.4123, 85.5130,
75.4818)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F4D5
RGB	225, 244, 213
RGB Percent	88%, 96%, 84%
CMY	0.1176, 0.0431, 0.1647
CMYK	0.08, 0.00, 0.13, 0.04
HSL	97°, 59%, 90%
HSV	97°, 13%, 96%
XYZ	75.4123, 85.5130, 75.4818
YIQ	234.7850, -1.3730, -13.6690

Conversions

Conversions Part 2

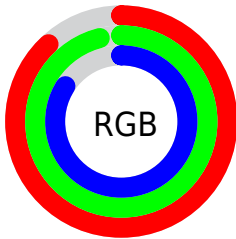
Format	Color
R _Y B	213, 244, 232
Decimal	14808277
CIE Lab	94.10, -11.70, 12.83
CIE LCh	94, 17.363, 132.374
Yxy	85.5130, 0.3190, 0.3617
Android (android.graphics.Color)	4292998357 (0xFFE1F4D5)
YUV	234.7850, -10.7400, -8.5814
Hunter-Lab	92.4732, -16.2607, 16.3355

Details

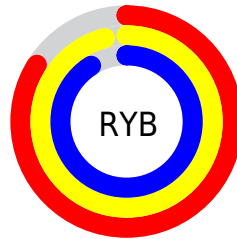
The XYZ color **75.4123, 85.5130, 75.4818** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.4054, 71.2783, 95.4816**, and the grayscale version is **78.8840, 82.9921, 90.3784**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7323, 46.9811, 39.2692** is the 20% darker color. If you saturate the color by 10%, you get **68.0855, 82.0698, 60.1701**, and if you desaturate by 10%, it is **83.6183, 89.3606, 93.2706**.

Distribution



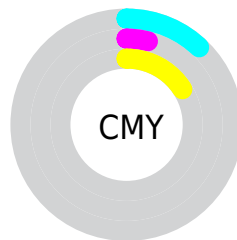
- Red (88%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4123, 85.5130, 75.4818 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 75.4123, 85.5130, 75.4818 by changing the saturation by 10% instead.

75.4123, 85.5130,
75.4818

75.4123, 85.5130,
75.4818

468.3089,
513.3240, 498.8715

56.2461, 64.2653,
55.5036

125.8806,
141.0897, 128.7475

40.6380, 46.8656,
39.4037

157.9134,
176.1875, 162.8721

28.2228, 32.9294,
26.7637

194.9658,
216.6709, 202.5492

18.6350, 22.0724,
17.1650

237.4031,
262.9241, 248.1973

11.5093, 13.9101,
10.1890

285.5907,
315.3316, 300.2351

6.4803, 8.0582,
5.4172

339.8940,

3.1827, 4.1322,

374.2779, 359.0810

2.4311

400.6783,
440.1472, 425.1536

■ 1.2511, 1.7478,
0.8033

■ 0.1461, 0.4543,
0.0000

■ 75.4123, 85.5130,
75.4818

■ 75.4123, 85.5130,
75.4818

■ 68.0855, 82.0698,
60.1701

■ 83.6183, 89.3606,
93.2706

■ 61.5998, 79.0061,
47.2202

■ 91.6110, 93.1686,
107.7627

■ 55.9243, 76.3114,
36.5158

■ 91.6424, 93.1847,
107.7641

■ 51.0233, 73.9698,
27.9289

■ 46.8585, 71.9648,
21.3182

■ 43.3872, 70.2778,
16.5255

■ 40.5619, 68.8882,
13.3680

■ 38.3265, 67.7721,
11.6249

■ 37.0136, 67.1077,
11.0023

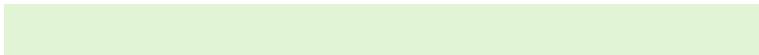
Harmonies

Analogous

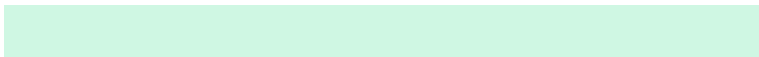
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3808, 85.5130, 70.3175



75.4123, 85.5130, 75.4818



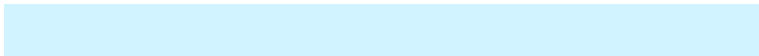
73.0687, 85.5130, 85.5855

Triad

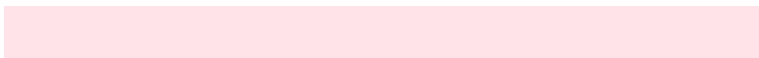
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4123, 85.5130, 75.4818



78.6062, 85.5130, 119.6420



90.3061, 85.5130, 87.7408

Complementary

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



75.4123, 85.5130, 75.4818



73.4054, 71.2783, 95.4816

Split Complementary

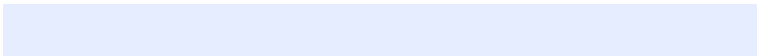
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0793, 85.5130, 101.0613



75.4123, 85.5130, 75.4818



83.2042, 85.5130, 120.3595

Square

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



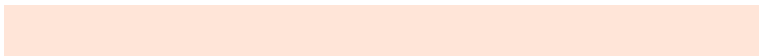
75.4123, 85.5130, 75.4818



74.8638, 85.5130, 111.4110



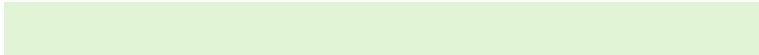
87.4393, 85.5130, 113.2870



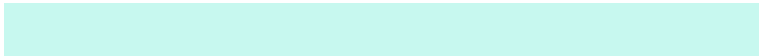
88.0475, 85.5130, 76.9300

Rectangle

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



75.4123, 85.5130, 75.4818



72.6864, 85.5130, 94.1715



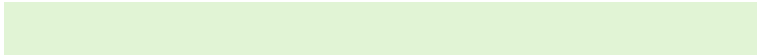
87.4393, 85.5130, 113.2870



90.5203, 85.5130, 92.0547

Sweetspot

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



75.4146, 85.5167, 75.4837



91.1880, 98.1938, 100.3734



78.0659, 81.5289, 74.5742



19.3664, 20.9465, 21.1517



0.0000, 0.0000, 0.0000



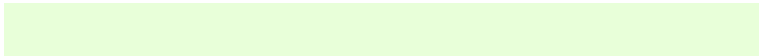
20.3446, 21.4041, 23.3091

Same Dimension

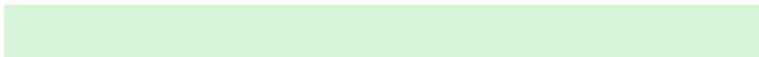
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4146, 85.5167, 75.4837



81.3860, 93.5980, 79.2520



72.2014, 83.8143, 77.4075



16.8887, 18.7847, 17.5332



20.2665, 36.5606, 5.9887



1.8925, 3.2707, 0.5316

Inverse Universe

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



73.4054, 71.2783, 95.4816



78.8002, 75.2765, 104.9843



76.9679, 73.1688, 93.2112



16.5564, 16.4295, 20.8412



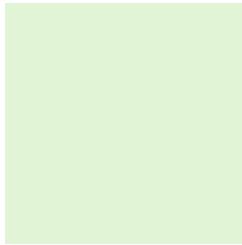
15.8318, 7.1359, 47.0810



1.5062, 0.6863, 4.1433

Previews

White Background



This preview shows how the XYZ color 75.4123, 85.5130, 75.4818 looks on a white background.

Color Contrast Check

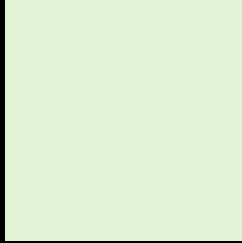
Large Text (above 18pt) WCAG AA × Fail

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 75.4123, 85.5130, 75.4818 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

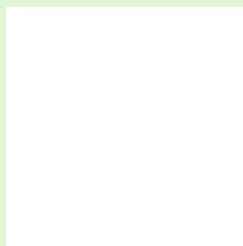
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4123, 85.5130, 75.4818

Background



This preview shows how black text looks on a background with the XYZ color 75.4123, 85.5130, 75.4818.



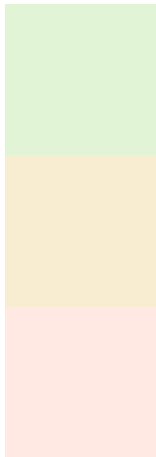
This preview shows how white text looks on a background with the XYZ color 75.4123, 85.5130,

75.4818.

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

75.4123, 85.5130, 75.4818

Protanopia

80.8597, 85.3116, 72.5266

Deuteranopia

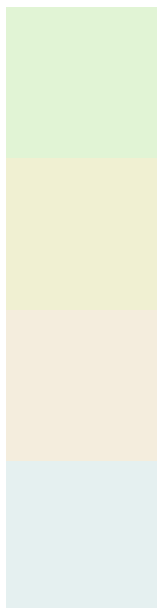
84.1064, 85.0288, 83.9308



Tritanopia

81.9032, 85.5249, 106.7989

Trichromacy



Original Color

75.4123, 85.5130, 75.4818

Protanomaly

78.7281, 85.4986, 73.3262

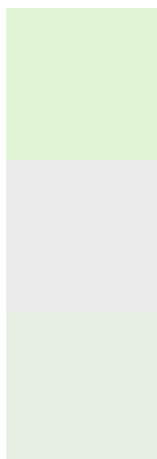
Deuteranomaly

80.6436, 85.0219, 80.5671

Tritanomaly

79.2014, 85.2695, 94.7224

Monochromacy



Original Color

75.4123, 85.5130, 75.4818

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.3947, 83.6840, 84.7465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4123, 85.5130, 75.4818 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(225, 244, 213)` looks like.

```
.text, #text, p{  
    color:rgb(225, 244, 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(225, 244, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 244, 213) }
```

Border

The CSS property to change the border of an element to XYZ 75.4123, 85.5130, 75.4818 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(225, 244, 213) }
```


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

```
.border{ border-color:rgb(225, 244, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 244, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 244, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 244, 213);  
box-shadow:4px 4px 4px 4px rgb(225, 244,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4123, 85.5130, 75.4818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 244, 213) }
```

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

```
.background{ background-color: rgb(225,  
244, 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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