

Converting Colors

XYZ(74.3423, 85.4086, 76.1654)

Have a look what the booklet for
XYZ(74.3423, 85.4086, 76.1654)
contains.

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Color

**XYZ(74.3052, 85.3755,
76.1811)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF5D6
RGB	220, 245, 214
RGB Percent	86%, 96%, 84%
CMY	0.1372, 0.0392, 0.1608
CMYK	0.10, 0.00, 0.13, 0.04
HSL	108°, 61%, 90%
HSV	108°, 13%, 96%
XYZ	74.3052, 85.3755, 76.1811
YIQ	233.9910, -4.9490, -14.9410

Conversions

Conversions Part 2

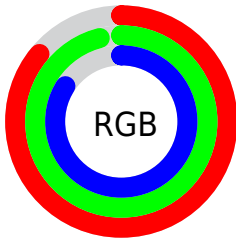
Format	Color
RYB	214, 245, 239
Decimal	14480854
CIELab	94.04, -13.72, 12.18
CIELCh	94, 18.349, 138.410
Yxy	85.3755, 0.3150, 0.3620
Android (android.graphics.Color)	4292670934 (0xFFDCE5D6)
YUV	233.9910, -9.8556, -12.2701
Hunter-Lab	92.3989, -18.1521, 15.7957

Details

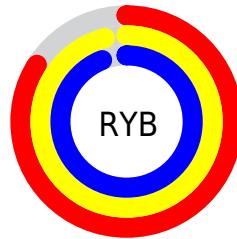
The XYZ color **74.3052, 85.3755, 76.1811** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.1280, 73.0388, 96.4762**, and the grayscale version is **78.2768, 82.3533, 89.6828**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9727, 46.8977, 39.7463** is the 20% darker color. If you saturate the color by 10%, you get **65.7780, 81.3168, 60.6587**, and if you desaturate by 10%, it is **84.0147, 89.9942, 94.2190**.

Distribution



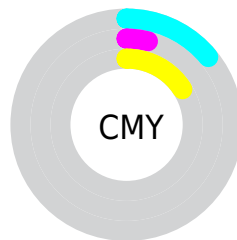
- Red (86%)
- Green (96%)
- Blue (84%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3052, 85.3755, 76.1811 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 74.3052, 85.3755, 76.1811 by changing the saturation by 10% instead.

74.3052, 85.3755,
76.1811

74.3052, 85.3755,
76.1811

464.5601,
512.8698, 501.3307

55.3360, 64.1517,
56.0735

124.3215,
140.8977, 129.7453

39.9057, 46.7735,
39.8574

156.0994,
175.9649, 164.0390

27.6489, 32.8567,
27.1145

192.8776,
216.4153, 203.8984

18.2003, 22.0167,
17.4260

235.0214,
262.6333, 249.7421

11.1944, 13.8691,
10.3735

282.8962,
315.0034, 301.9886

6.2660, 8.0297,
5.5385

336.8673,

3.0497, 4.1140,

373.9099, 361.0566

2.5023

397.3002,
439.7372, 427.3644

■ 1.1801, 1.7375,
0.8414

■ 0.0906, 0.4478,
0.0000

■ 74.3052, 85.3755,
76.1811

■ 74.3052, 85.3755,
76.1811

■ 65.7780, 81.3168,
60.6587

■ 84.0147, 89.9942,
94.2190

■ 58.3806, 77.7861,
47.5349

■ 91.9441, 93.7882,
107.8647

■ 52.0668, 74.7647,
36.6916

■ 46.7847, 72.2286,
27.9986

■ 42.4778, 70.1518,
21.3126

■ 39.0839, 68.5058,
16.4730

■ 36.5333, 67.2587,
13.2942

■ 34.7452, 66.3736,
11.5523

■ 33.8454, 65.9223,
10.9404

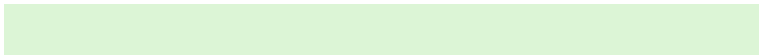
Harmonies

Analogous

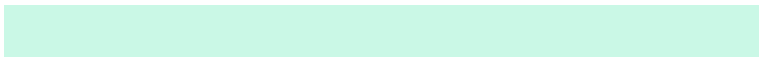
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2088, 85.3755, 69.6453



74.3052, 85.3755, 76.1811



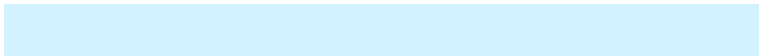
72.2666, 85.3755, 87.6455

Triad

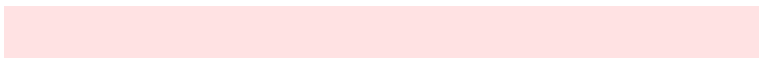
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3052, 85.3755, 76.1811



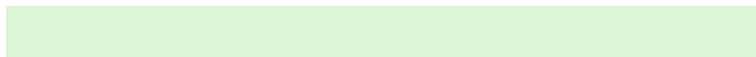
79.2695, 85.3755, 121.9625



90.4143, 85.3755, 84.6990

Complementary

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



74.3052, 85.3755, 76.1811



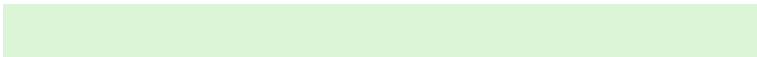
76.1280, 73.0388, 96.4762

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.



90.7263, 85.3755, 98.4838



74.3052, 85.3755, 76.1811



84.1576, 85.3755, 120.9699

Square

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



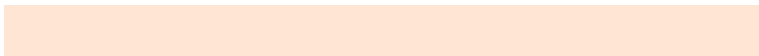
74.3052, 85.3755, 76.1811



75.0548, 85.3755, 114.6257



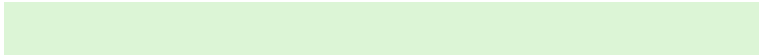
88.3961, 85.3755, 112.0363



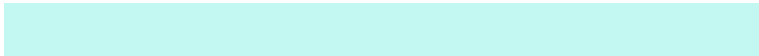
87.5600, 85.3755, 74.2113

Rectangle

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



74.3052, 85.3755, 76.1811



72.1827, 85.3755, 96.9603



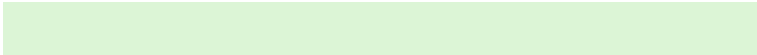
88.3961, 85.3755, 112.0363



90.8241, 85.3755, 89.0701

Sweetspot

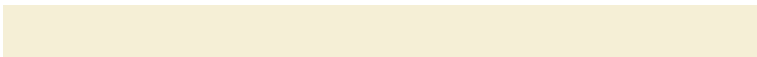
The Sweet Spot groups the original color and five complimentary colors.



74.3075, 85.3792, 76.1830



90.4889, 97.8334, 100.3407



80.6054, 85.8874, 75.9491



19.1899, 20.8556, 21.1435



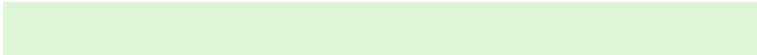
0.0000, 0.0000, 0.0000



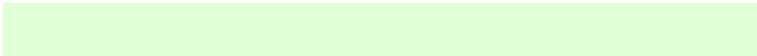
20.3446, 21.4041, 23.3091

Same Dimension

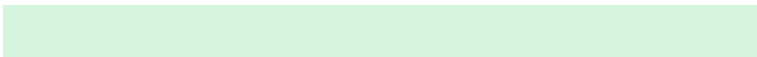
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3075, 85.3792, 76.1830



79.0394, 92.3883, 79.1422



73.7464, 84.9487, 82.5363



16.5815, 18.6263, 17.5189



18.3188, 35.5565, 5.8976



1.6887, 3.1656, 0.5220

Inverse Universe

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



76.1280, 73.0388, 96.4762



81.3676, 76.6000, 105.1045



76.8026, 73.5465, 89.2799



16.8810, 16.5968, 20.8563



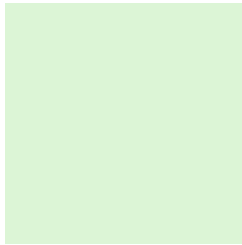
21.4802, 10.0478, 47.3453



1.9666, 0.9237, 4.1649

Previews

White Background



This preview shows how the XYZ color 74.3052, 85.3755, 76.1811 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 74.3052, 85.3755, 76.1811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

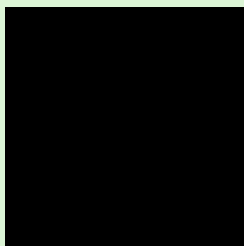
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

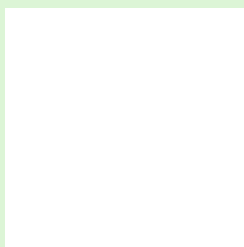
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3052, 85.3755, 76.1811

Background



This preview shows how black text looks on a background with the XYZ color 74.3052, 85.3755, 76.1811.

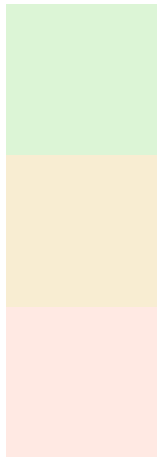


This preview shows how white text looks on a background with the XYZ color 74.3052, 85.3755,

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

74.3052, 85.3755, 76.1811

Protanopia

80.6284, 85.1780, 73.1642

Deuteranopia

84.2440, 85.0839, 84.6557



Tritanopia

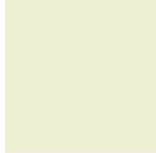
80.9114, 85.4470, 106.8362

Trichromacy



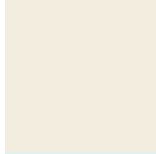
Original Color

74.3052, 85.3755, 76.1811



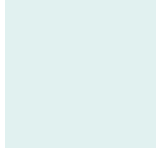
Protanomaly

78.1779, 85.2005, 73.9529



Deuteranomaly

80.0870, 84.7195, 81.2387



Tritanomaly

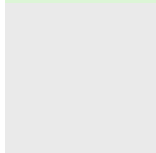
78.2348, 85.2094, 94.7617

Monochromacy



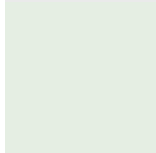
Original Color

74.3052, 85.3755, 76.1811



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.7528, 83.3531, 84.7165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3052, 85.3755, 76.1811 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(220, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 245, 214) }
```

Border

The CSS property to change the border of an element to XYZ 74.3052, 85.3755, 76.1811 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(220, 245, 214) }
```


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

```
.border{ border-color:rgb(220, 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(220, 245, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(220, 245,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3052, 85.3755, 76.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 245, 214) }
```

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

```
.background{ background-color: rgb(220,  
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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