

Converting Colors

XYZ(74.7484, 88.2608, 73.5167)

Have a look what the booklet for
XYZ(74.7484, 88.2608, 73.5167)
contains.

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Color

**XYZ(74.9192, 88.5032,
73.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFBD1
RGB	218, 251, 209
RGB Percent	85%, 98%, 82%
CMY	0.1451, 0.0157, 0.1804
CMYK	0.13, 0.00, 0.17, 0.02
HSL	107°, 84%, 90%
HSV	107°, 17%, 98%
XYZ	74.9192, 88.5032, 73.4558
YIQ	236.3450, -6.1860, -20.0580

Conversions

Conversions Part 2

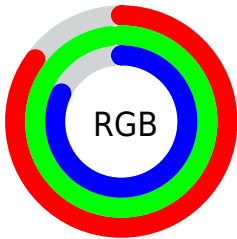
Format	Color
R_{YB}	209, 251, 242
Decimal	14351313
CIE _{Lab}	95.37, -18.18, 16.61
CIE _{LCh}	95, 24.628, 137.582
Yxy	88.5032, 0.3163, 0.3736
Android (android.graphics.Color)	4292541393 (0xFFDAFBD1)
YUV	236.3450, -13.4811, -16.0886
Hunter-Lab	94.0761, -22.4816, 19.5589

Details

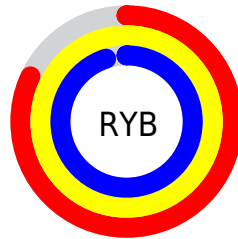
The XYZ color **74.9192, 88.5032, 73.4558** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.8347, 71.4458, 101.0122**, and the grayscale version is **80.0986, 84.2700, 91.7700**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2288, 48.7032, 37.8522** is the 20% darker color. If you saturate the color by 10%, you get **66.5024, 84.4980, 58.0980**, and if you desaturate by 10%, it is **84.5323, 93.0737, 91.4289**.

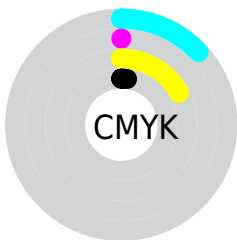
Distribution



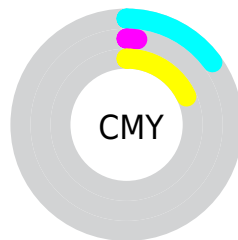
- Red (85%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9192, 88.5032, 73.4558 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 74.9192, 88.5032, 73.4558 by changing the saturation by 10% instead.

74.9192, 88.5032,
73.4558

74.9192, 88.5032,
73.4558

466.6413,
523.1497, 491.7061

55.8406, 66.7399,
53.8547

125.1865,
145.2575, 125.8510

40.3117, 48.8733,
38.0931

157.1059,
181.0173, 159.4821

27.9669, 34.5190,
25.7526

194.0364,
222.2114, 198.6269

18.4411, 23.2926,
16.4145

236.3432,
269.2241, 243.7040

11.3687, 14.8097,
9.6604

284.3918,
322.4399, 295.1320

6.3845, 8.6859,
5.0717

338.5474,

3.1231, 4.5369,

382.2432, 353.3293

2.2299

399.1754,
449.0183, 418.7145

■ 1.2192, 1.9782,
0.6916

■ 0.1215, 0.5948,
0.0000

■ 74.9192, 88.5032,
73.4558

■ 74.9192, 88.5032,
73.4558

■ 66.5024, 84.4980,
58.0980

■ 84.5323, 93.0737,
91.4289

■ 59.2274, 81.0249,
45.2282

■ 93.7889, 97.4779,
108.4796

■ 53.0460, 78.0645,
34.7170

■ 47.9035, 75.5918,
26.4212

■ 43.7405, 73.5795,
20.1819

■ 40.4912, 71.9976,
15.8192

■ 38.0809, 70.8122,
13.1219

■ 36.4205, 69.9833,
11.8240

■ 36.0083, 69.7759,
11.5703

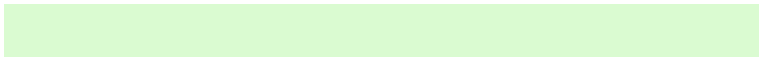
Harmonies

Analogous

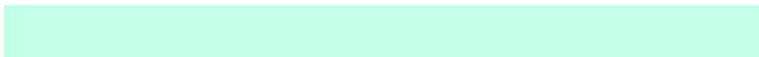
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2690, 88.5032, 65.1642



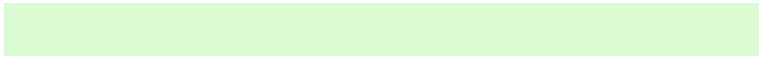
74.9192, 88.5032, 73.4558



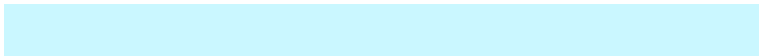
72.0987, 88.5032, 88.6096

Triad

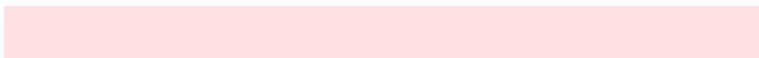
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9192, 88.5032, 73.4558



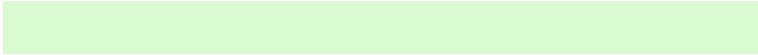
81.3662, 88.5032, 137.3009



97.0749, 88.5032, 85.5928

Complementary

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



74.9192, 88.5032, 73.4558



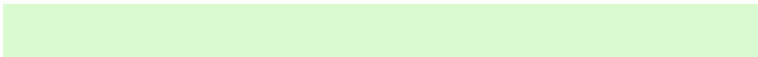
76.8347, 71.4458, 101.0122

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.



97.4075, 88.5032, 104.5601



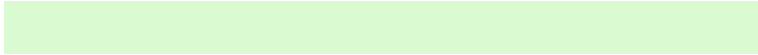
74.9192, 88.5032, 73.4558



88.0914, 88.5032, 136.2089

Square

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



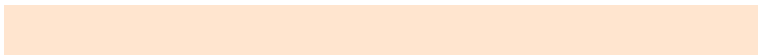
74.9192, 88.5032, 73.4558



75.6854, 88.5032, 126.4116



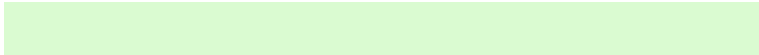
94.0441, 88.5032, 123.6015



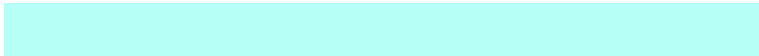
93.1583, 88.5032, 71.5020

Rectangle

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



74.9192, 88.5032, 73.4558



71.9277, 88.5032, 101.3407



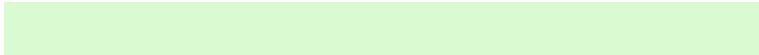
94.0441, 88.5032, 123.6015



97.6168, 88.5032, 91.5548

Sweetspot

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



74.9216, 88.5070, 73.4577



89.4744, 97.3550, 98.2770



83.0184, 88.5614, 73.0415



18.9890, 20.7610, 20.7281



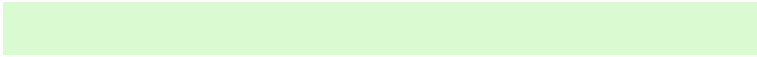
0.0000, 0.0000, 0.0000



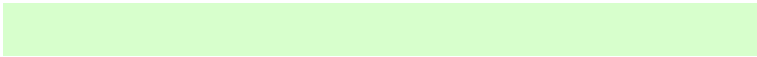
20.3446, 21.4041, 23.3091

Same Dimension

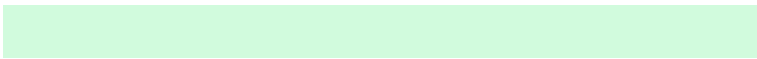
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9216, 88.5070, 73.4577



74.6618, 90.3156, 70.6243



73.8322, 87.7688, 81.3886



17.3649, 19.4884, 18.3088



19.0249, 36.7260, 6.0861



1.8471, 3.4453, 0.5677

Inverse Universe

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



76.8347, 71.4458, 101.0122



76.9766, 69.6520, 103.9948



78.1821, 72.3504, 91.5868



17.6077, 17.3259, 21.8015



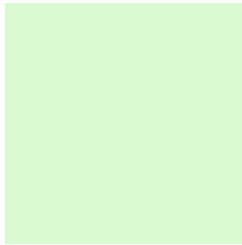
21.4148, 9.9824, 48.7717



2.0708, 0.9696, 4.5212

Previews

White Background



This preview shows how the XYZ color 74.9192, 88.5032, 73.4558 looks on a white background.

Color Contrast Check

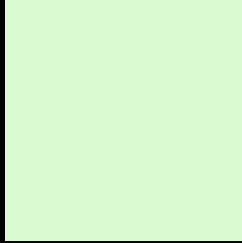
Large Text (above 18pt) WCAG AA × Fail

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 74.9192, 88.5032, 73.4558 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

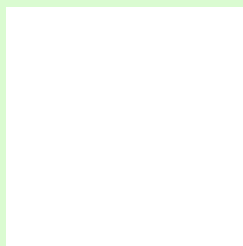
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9192, 88.5032, 73.4558

Background



This preview shows how black text looks on a background with the XYZ color 74.9192, 88.5032, 73.4558.



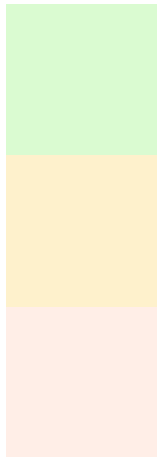
This preview shows how white text looks on a background with the XYZ color 74.9192, 88.5032,

73.4558.

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

74.9192, 88.5032, 73.4558

Protanopia

83.2274, 88.3411, 69.7917

Deuteranopia

86.2383, 88.1786, 88.0762



Tritanopia

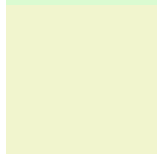
83.3793, 88.4770, 107.2909

Trichromacy



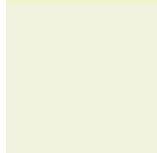
Original Color

74.9192, 88.5032, 73.4558



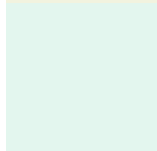
Protanomaly

80.0686, 88.4618, 71.2473



Deuteranomaly

81.9878, 88.3061, 82.5356



Tritanomaly

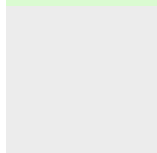
80.0669, 88.4155, 93.7348

Monochromacy



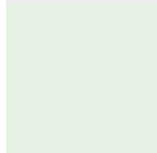
Original Color

74.9192, 88.5032, 73.4558



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.4959, 85.0596, 84.2852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9192, 88.5032, 73.4558 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, 251, 209)` looks like.

```
.text, #text, p{  
    color:rgb(218, 251, 209)  
}
```

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, 251, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 251, 209) }
```

Border

The CSS property to change the border of an element to XYZ 74.9192, 88.5032, 73.4558 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, 251, 209) }
```


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

```
.border{ border-color:rgb(218, 251, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 251, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 251, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 251, 209);  
box-shadow:4px 4px 4px 4px rgb(218, 251,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9192, 88.5032, 73.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 251, 209) }
```

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

```
.background{ background-color: rgb(218,  
251, 209) }
```

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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