

Converting Colors

XYZ(73.4993, 85.9862, 74.8783)

Have a look what the booklet for
XYZ(73.4993, 85.9862, 74.8783)
contains.

| | |
|--|----|
| XYZ(73.4633, 85.8739, 74.9908) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(73.4633, 85.8739,
74.9908)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | D8F7D4 |
| RGB | 216, 247, 212 |
| RGB Percent | 85%, 97%, 83% |
| CMY | 0.1529, 0.0314, 0.1686 |
| CMYK | 0.13, 0.00, 0.14, 0.03 |
| HSL | 113°, 69%, 90% |
| HSV | 113°, 14%, 97% |
| XYZ | 73.4633, 85.8739, 74.9908 |
| YIQ | 233.7410, -7.2410, -17.4570 |

Conversions

Conversions Part 2

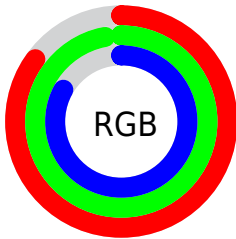
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 212, 247, 243 |
| Decimal | 14219220 |
| CIE Lab | 94.26, -16.39, 13.48 |
| CIE LCh | 94, 21.221, 140.570 |
| Yxy | 85.8739, 0.3135, 0.3665 |
| Android (android.graphics.Color) | 4292409300 (0xFFD8F7D4) |
| YUV | 233.7410, -10.7183, -15.5589 |
| Hunter-Lab | 92.6682, -20.6623, 16.8879 |

Details

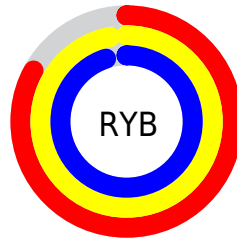
The XYZ color **73.4633, 85.8739, 74.9908** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.2977, 72.8595, 97.9894**, and the grayscale version is **78.0952, 82.1622, 89.4747**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4145, 47.2730, 38.9455** is the 20% darker color. If you saturate the color by 10%, you get **64.5441, 81.6113, 59.5338**, and if you desaturate by 10%, it is **83.7246, 90.7783, 93.0023**.

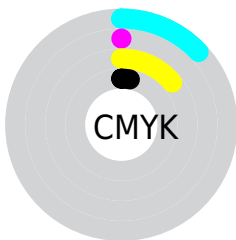
Distribution



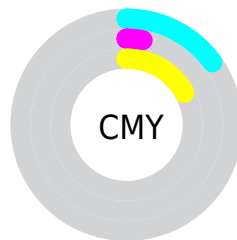
- Red (85%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)





- Cyan (15%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4633, 85.8739, 74.9908 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 73.4633, 85.8739, 74.9908 by changing the saturation by 10% instead.


 73.4633, 85.8739,
74.9908

 73.4633, 85.8739,
74.9908


461.6979,
514.5153, 497.1405

 54.6446, 64.5637,
55.1037


123.1343,
141.5935, 128.0463

 39.3500, 47.1074,
39.0856


154.7173,
176.7717, 162.0518

 27.2140, 33.1206,
26.5180


191.2858,
217.3414, 201.6004

 17.8715, 22.2188,
16.9823

233.2051,
263.6869, 247.1108

 10.9569, 14.0178,
10.0600

280.8406,
316.1926, 299.0015

 6.1049, 8.1330,
5.3327

334.5577,

 2.9502, 4.1802,

375.2430, 357.6910

2.3816

394.7217,
441.2225, 423.5978

■ 1.1275, 1.7749,
0.7764

■ 0.0479, 0.4714,
0.0000

■ 73.4633, 85.8739,
74.9908

■ 73.4633, 85.8739,
74.9908

■ 64.5441, 81.6113,
59.5338

■ 83.7246, 90.7783,
93.0023

■ 56.9045, 77.9533,
46.5105

■ 92.5524, 95.0049,
108.0675

■ 50.4878, 74.8758,
35.7984

■ 45.2299, 72.3487,
27.2627

■ 41.0611, 70.3394,
20.7540

■ 37.9040, 68.8115,
16.1047

■ 35.6707, 67.7239,
13.1200

■ 34.2578, 67.0286,
11.5620

■ 33.7474, 66.7749,
11.1102

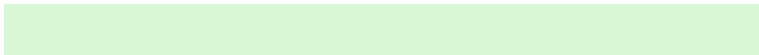
Harmonies

Analogous

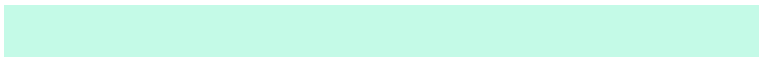
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8389, 85.8739, 67.1426



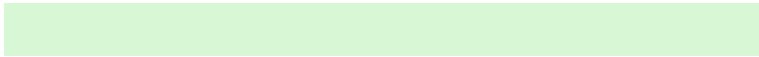
73.4633, 85.8739, 74.9908



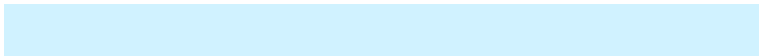
71.3028, 85.8739, 88.4650

Triad

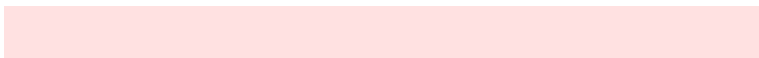
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4633, 85.8739, 74.9908



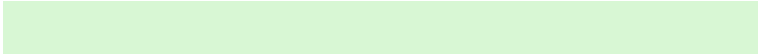
79.8423, 85.8739, 127.9187



92.2910, 85.8739, 82.9259

Complementary

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



73.4633, 85.8739, 74.9908



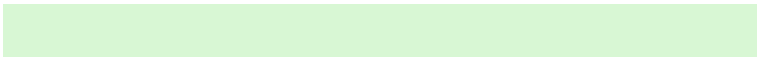
77.2977, 72.8595, 97.9894

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.



92.8886, 85.8739, 98.7268



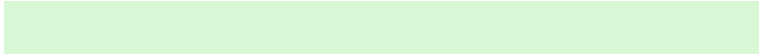
73.4633, 85.8739, 74.9908



85.5227, 85.8739, 125.9895

Square

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



73.4633, 85.8739, 74.9908



74.8713, 85.8739, 119.8339



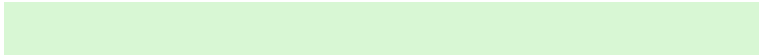
90.3604, 85.8739, 114.8335



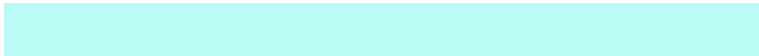
88.7637, 85.8739, 71.3412

Rectangle

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



73.4633, 85.8739, 74.9908



71.3373, 85.8739, 99.3646



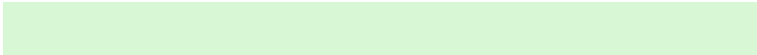
90.3604, 85.8739, 114.8335



92.8474, 85.8739, 87.8748

Sweetspot

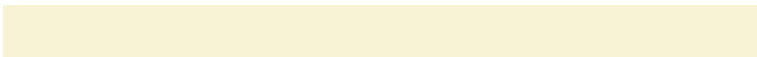
The Sweet Spot groups the original color and five complimentary colors.



73.4656, 85.8776, 74.9927



90.2048, 97.6869, 100.3274



82.2708, 88.5831, 75.0508



19.1183, 20.8186, 21.1401



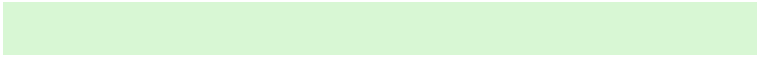
0.0000, 0.0000, 0.0000



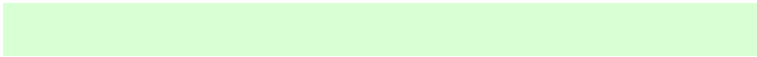
20.3446, 21.4041, 23.3091

Same Dimension

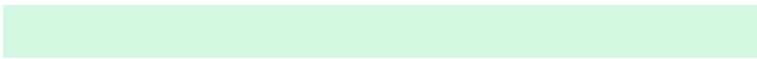
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4656, 85.8776, 74.9927



76.0969, 90.9467, 75.5999



74.0624, 85.9814, 84.2275



16.4580, 18.5626, 17.5131



17.9055, 35.3434, 5.8782



1.6299, 3.1353, 0.5193

Inverse Universe

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



77.2977, 72.8595, 97.9894



80.9473, 74.4649, 104.7145



76.6958, 72.7800, 87.5372



17.0163, 16.6666, 20.8627



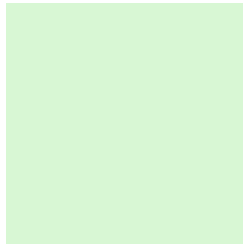
24.3714, 11.5383, 47.4806



2.1939, 1.0409, 4.1755

Previews

White Background



This preview shows how the XYZ color 73.4633, 85.8739, 74.9908 looks on a white background.

Color Contrast Check

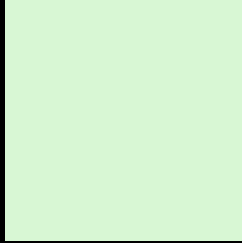
Large Text (above 18pt) WCAG AA × Fail

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 73.4633, 85.8739, 74.9908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

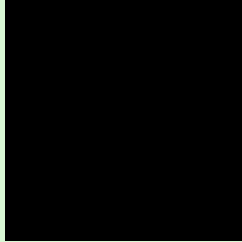
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

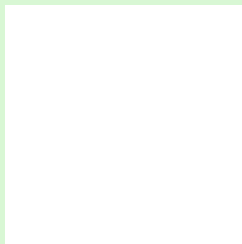
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4633, 85.8739, 74.9908

Background



This preview shows how black text looks on a background with the XYZ color 73.4633, 85.8739, 74.9908.



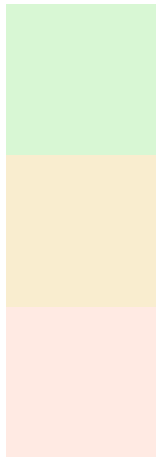
This preview shows how white text looks on a background with the XYZ color 73.4633, 85.8739,

74.9908.

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

73.4633, 85.8739, 74.9908

Protanopia

80.6136, 85.2131, 71.2305

Deuteranopia

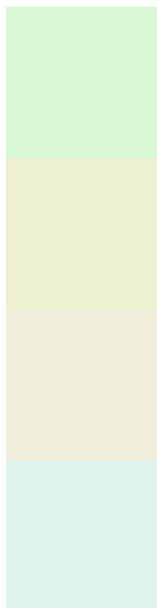
84.5279, 85.6517, 84.7504



Tritanopia

80.8886, 85.8711, 106.9192

Trichromacy



Original Color

73.4633, 85.8739, 74.9908

Protanomaly

77.8890, 85.5186, 72.7231

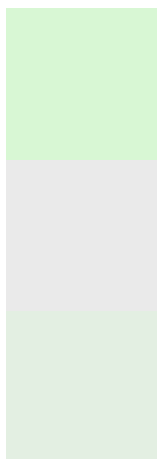
Deuteranomaly

80.3269, 85.7077, 81.4168

Tritanomaly

78.0620, 86.0212, 94.1508

Monochromacy



Original Color

73.4633, 85.8739, 74.9908

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.2725, 83.5549, 84.0592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4633, 85.8739, 74.9908 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(216, 247, 212)` looks like.

```
.text, #text, p{  
    color:rgb(216, 247, 212)  
}
```

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(216, 247, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 247, 212) }
```

Border

The CSS property to change the border of an element to XYZ 73.4633, 85.8739, 74.9908 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(216, 247, 212) }
```


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

```
.border{ border-color:rgb(216, 247, 212) }
```

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

Here you see how a box with a 4 pixel rgb(216, 247, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 247, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 247, 212);  
box-shadow:4px 4px 4px 4px rgb(216, 247,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4633, 85.8739, 74.9908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 247, 212) }
```

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

```
.background{ background-color: rgb(216,  
247, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor