

Converting Colors

XYZ(74.6934, 86.0142, 74.7266)

Have a look what the booklet for
XYZ(74.6934, 86.0142, 74.7266)
contains.

XYZ(74.6582, 86.0372, 74.9593)	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(74.6582, 86.0372,
74.9593)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF6D4
RGB	221, 246, 212
RGB Percent	87%, 96%, 83%
CMY	0.1333, 0.0353, 0.1686
CMYK	0.10, 0.00, 0.14, 0.04
HSL	104°, 65%, 90%
HSV	104°, 14%, 96%
XYZ	74.6582, 86.0372, 74.9593
YIQ	234.6490, -3.9860, -15.8740

Conversions

Conversions Part 2

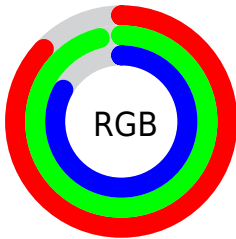
Format	Color
R_{YB}	212, 246, 237
Decimal	14546644
CIE _{Lab}	94.33, -14.22, 13.62
CIE _{LCh}	94, 19.691, 136.223
Yxy	86.0372, 0.3168, 0.3651
Android (android.graphics.Color)	4292736724 (0xFFDDDF6D4)
YUV	234.6490, -11.1660, -11.9702
Hunter-Lab	92.7562, -18.6513, 17.0152

Details

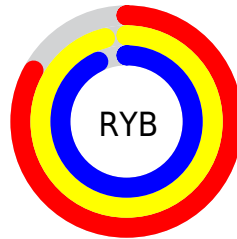
The XYZ color **74.6582, 86.0372, 74.9593** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.1067, 71.7478, 97.0835**, and the grayscale version is **78.7851, 82.8881, 90.2651**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2251, 47.3682, 38.9212** is the 20% darker color. If you saturate the color by 10%, you get **66.5746, 82.2041, 59.5974**, and if you desaturate by 10%, it is **83.8129, 90.3728, 92.8429**.

Distribution



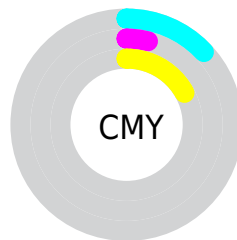
- Red (87%)
- Green (96%)
- Blue (83%)



- Red (83%)
- Yellow (96%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6582, 86.0372, 74.9593 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 74.6582, 86.0372, 74.9593 by changing the saturation by 10% instead.

74.6582, 86.0372,
74.9593

74.6582, 86.0372,
74.9593

465.7572,
515.0539, 497.0294

55.6261, 64.6987,
55.0780

124.8189,
141.8214, 128.0013

40.1390, 47.2168,
39.0652

156.6782,
177.0359, 161.9991

27.8317, 33.2071,
26.5022

193.5440,
217.6446, 201.5395

18.3386, 22.2851,
16.9706

235.7816,
264.0318, 247.0411

11.2945, 14.0666,
10.0518

283.7564,
316.5819, 298.9223

6.3340, 8.1670,
5.3273

337.8337,

3.0918, 4.2020,

375.6794, 357.6017

2.3784

398.3788,
441.7086, 423.4979

■ 1.2025, 1.7872,
0.7747

■ 0.1083, 0.4792,
0.0000

■ 74.6582, 86.0372,
74.9593

■ 74.6582, 86.0372,
74.9593

■ 66.5746, 82.2041,
59.5974

■ 83.8129, 90.3728,
92.8429

■ 59.5149, 78.8443,
46.6385

■ 92.2475, 94.3950,
107.9658

■ 53.4390, 75.9420,
35.9626

■ 48.3010, 73.4767,
27.4371

■ 44.0513, 71.4258,
20.9158

■ 40.6352, 69.7648,
16.2344

■ 37.9913, 68.4662,
13.2025

■ 36.0480, 67.4981,
11.5879

■ 35.1445, 67.0424,
11.0882

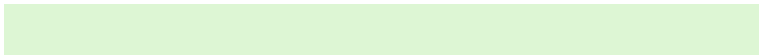
Harmonies

Analogous

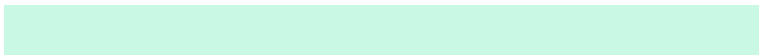
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9705, 86.0372, 68.4303



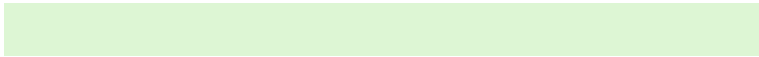
74.6582, 86.0372, 74.9593



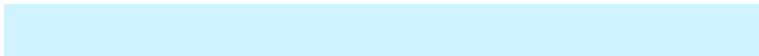
72.3012, 86.0372, 86.9212

Triad

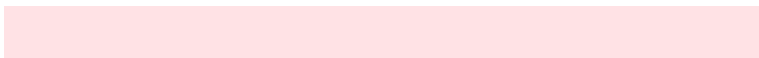
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6582, 86.0372, 74.9593



79.3805, 86.0372, 124.8714



91.9225, 86.0372, 85.7848

Complementary

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



74.6582, 86.0372, 74.9593



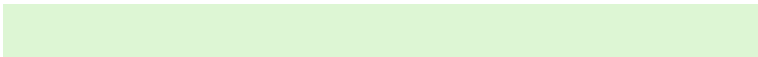
75.1067, 71.7478, 97.0835

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.



92.0439, 86.0372, 100.7802



74.6582, 86.0372, 74.9593



84.6468, 86.0372, 124.4825

Square

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



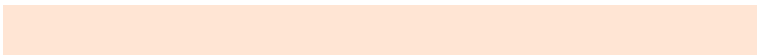
74.6582, 86.0372, 74.9593



74.9472, 86.0372, 116.2950



89.3319, 86.0372, 115.2835



89.0070, 86.0372, 74.2049

Rectangle

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



74.6582, 86.0372, 74.9593



72.0873, 86.0372, 96.8691



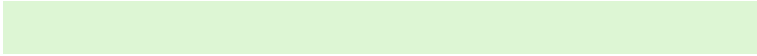
89.3319, 86.0372, 115.2835



92.2956, 86.0372, 90.5615

Sweetspot

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



74.6605, 86.0409, 74.9612



90.7450, 97.9654, 100.3527



80.1582, 84.8799, 74.4473



19.2545, 20.8889, 21.1465



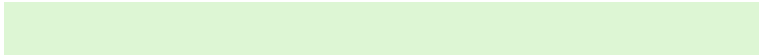
0.0000, 0.0000, 0.0000



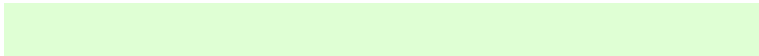
20.3446, 21.4041, 23.3091

Same Dimension

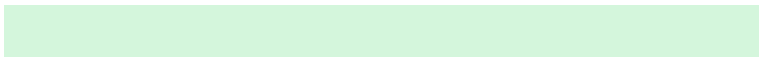
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6605, 86.0409, 74.9612



78.0687, 91.9633, 75.6921



73.0193, 85.0763, 80.2387



16.6935, 18.6840, 17.5241



18.8699, 35.8406, 5.9234



1.7516, 3.1981, 0.5250

Inverse Universe

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



75.1067, 71.7478, 97.0835



78.6505, 73.2808, 104.6070



76.9951, 72.8591, 90.9491



16.7607, 16.5348, 20.8507



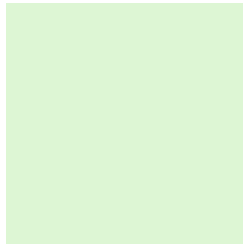
19.1767, 8.8603, 47.2375



1.7820, 0.8285, 4.1562

Previews

White Background



This preview shows how the XYZ color 74.6582, 86.0372, 74.9593 looks on a white background.

Color Contrast Check

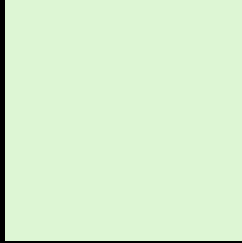
Large Text (above 18pt) WCAG AA × Fail

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 74.6582, 86.0372, 74.9593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

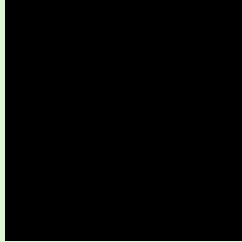
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

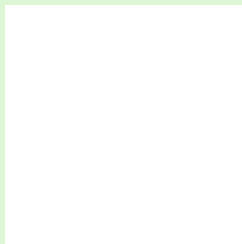
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6582, 86.0372, 74.9593

Background



This preview shows how black text looks on a background with the XYZ color 74.6582, 86.0372, 74.9593.



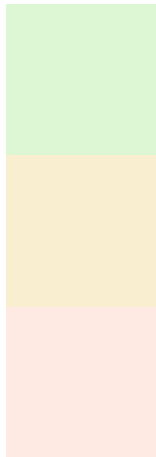
This preview shows how white text looks on a background with the XYZ color 74.6582, 86.0372, 74.9593.

74.9593.

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

74.6582, 86.0372, 74.9593

Protanopia

81.3840, 86.0271, 71.9900

Deuteranopia

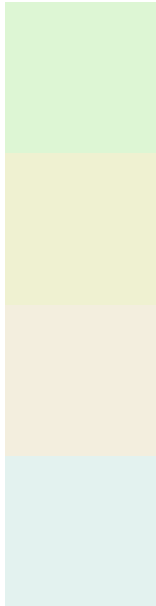
84.5279, 85.6517, 84.7504



Tritanopia

81.5496, 85.7760, 106.8660

Trichromacy



Original Color

74.6582, 86.0372, 74.9593

Protanomaly

78.5605, 85.8648, 72.7546

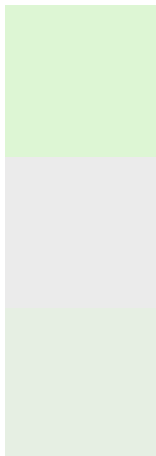
Deuteranomaly

80.7215, 85.4777, 81.3516

Tritanomaly

79.0107, 86.0671, 94.1097

Monochromacy



Original Color

74.6582, 86.0372, 74.9593

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.3648, 84.1020, 84.8288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6582, 86.0372, 74.9593 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(221, 246, 212)` looks like.

```
.text, #text, p{  
    color:rgb(221, 246, 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(221, 246, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 246, 212) }
```

Border

The CSS property to change the border of an element to XYZ 74.6582, 86.0372, 74.9593 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(221, 246, 212) }
```


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

```
.border{ border-color:rgb(221, 246, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 246, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 246, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 246, 212);  
box-shadow:4px 4px 4px 4px rgb(221, 246,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6582, 86.0372, 74.9593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 246, 212) }
```

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

```
.background{ background-color: rgb(221,  
246, 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](#).

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