

Converting Colors

XYZ(74.8675, 86.9711, 58.1886)

Have a look what the booklet for
XYZ(74.8675, 86.9711, 58.1886)
contains.

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Color

**XYZ(74.8675, 86.9711,
58.1886)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F7B8
RGB	231, 247, 184
RGB Percent	91%, 97%, 72%
CMY	0.0941, 0.0313, 0.2784
CMYK	0.06, 0.00, 0.26, 0.03
HSL	75°, 80%, 85%
HSV	75°, 26%, 97%
XYZ	74.8675, 86.9711, 58.1886
YIQ	235.0340, 10.6870, -22.9850

Conversions

Conversions Part 2

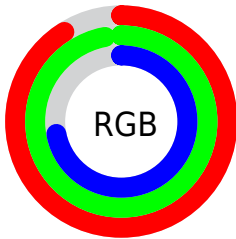
Format	Color
RYB	184, 247, 200
Decimal	15202232
CIELab	94.73, -15.50, 28.61
CIELCh	95, 32.536, 118.454
Yxy	86.9711, 0.3403, 0.3953
Android (android.graphics.Color)	4293392312 (0xFFE7F7B8)
YUV	235.0340, -25.1598, -3.5378
Hunter-Lab	93.2583, -19.9027, 28.2868

Details

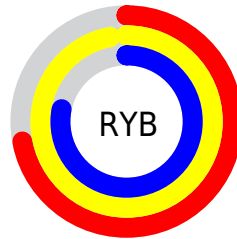
The XYZ color **74.8675, 86.9711, 58.1886** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.7518, 53.2781, 95.2403**, and the grayscale version is **79.1733, 83.2965, 90.7099**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **40.4067, 48.0143, 28.6107** is the 20% darker color. If you saturate the color by 10%, you get **70.5127, 85.0023, 45.6290**, and if you desaturate by 10%, it is **79.7515, 89.1658, 73.1363**.

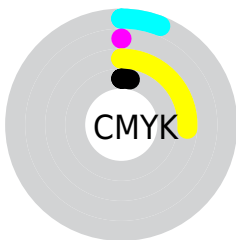
Distribution



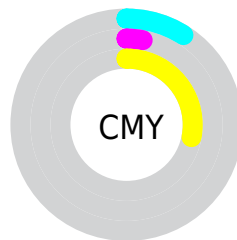
- Red (91%)
- Green (97%)
- Blue (72%)



- Red (72%)
- Yellow (97%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (3%)




- Cyan (9%)
- Magenta (3%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8675, 86.9711, 58.1886 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 74.8675, 86.9711, 58.1886 by changing the saturation by 10% instead.

 74.8675, 86.9711,
58.1886

 74.8675, 86.9711,
58.1886


466.4662,
518.1279, 435.5062

 55.7981, 65.4713,
41.5446


 125.1137,
143.1239, 103.7149

 40.2775, 47.8433,
28.4220


157.0212,
178.5456, 133.4344

 27.9401, 33.7028,
18.4022


193.9389,
219.3768, 168.3493

 18.4208, 22.6654,
11.0667

236.2320,
266.0018, 208.8784

 11.3540, 14.3466,
5.9970

284.2660,
318.8050, 255.4400

 6.3745, 8.3622,
2.7745

338.4061,

 3.1169, 4.3275,

378.1708, 308.4529

0.9807

399.0177,
444.4837, 368.3354

■ 1.2159, 1.8584,
0.0000

■ 0.1189, 0.5232,
0.0000

■ 74.8675, 86.9711,
58.1886

■ 74.8675, 86.9711,
58.1886

■ 70.5127, 85.0023,
45.6290

■ 79.7515, 89.1658,
73.1363

■ 66.6562, 83.2382,
35.3281

■ 85.1806, 91.5842,
90.5814

■ 63.2738, 81.6720,
27.1529

■ 90.6743, 94.0368,
107.9796

■ 60.3364, 80.2919,
20.9539

■ 92.5526, 95.0051,
108.0675

■ 57.8112, 79.0847,
16.5624

■ 55.6600, 78.0350,
13.7817

■ 53.8358, 77.1240,
12.3686

■ 53.0915, 76.7473,
12.0155

Harmonies

Analogous

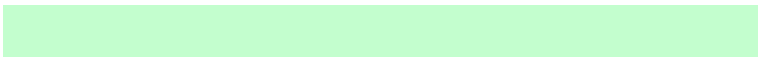
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1204, 86.9711, 54.0750



74.8675, 86.9711, 58.1886



69.0769, 86.9711, 71.5574

Triad

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



74.8675, 86.9711, 58.1886



74.1303, 86.9711, 142.2412



100.7407, 86.9711, 96.0092

Complementary

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



74.8675, 86.9711, 58.1886



57.7518, 53.2781, 95.2403

Split Complementary

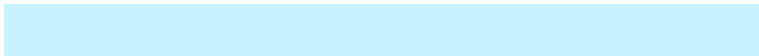
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.9240, 86.9711, 122.3534



74.8675, 86.9711, 58.1886



82.2081, 86.9711, 151.8094

Square

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



74.8675, 86.9711, 58.1886



68.6730, 86.9711, 119.6886



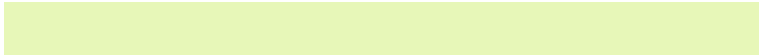
90.9826, 86.9711, 143.9616



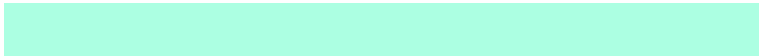
98.4356, 86.9711, 73.4511

Rectangle

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



74.8675, 86.9711, 58.1886



67.1815, 86.9711, 85.3326



90.9826, 86.9711, 143.9616



100.3579, 86.9711, 104.7220

Sweetspot

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



74.8697, 86.9749, 58.1905



90.0567, 97.7854, 92.4226



67.6090, 64.4303, 54.2216



19.0842, 20.8448, 19.1619



0.0000, 0.0000, 0.0000



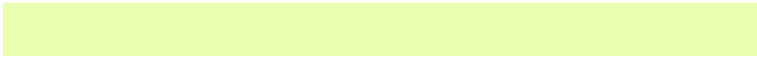
20.3446, 21.4041, 23.3091

Same Dimension

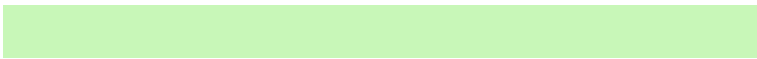
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8697, 86.9749, 58.1905



77.8256, 92.3009, 54.7624



65.6681, 82.2313, 57.7598



17.4796, 19.0893, 17.5609



28.2148, 40.6581, 6.3607



2.5741, 3.6220, 0.5635

Inverse Universe

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



57.7518, 53.2781, 95.2403



56.3387, 49.9911, 101.2876



66.9677, 58.0291, 95.6716



15.9757, 16.1301, 20.8140



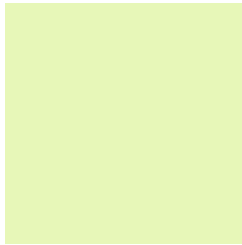
10.0645, 4.1628, 46.8111



0.9757, 0.4129, 4.1185

Previews

White Background



This preview shows how the XYZ color 74.8675, 86.9711, 58.1886 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 74.8675, 86.9711, 58.1886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

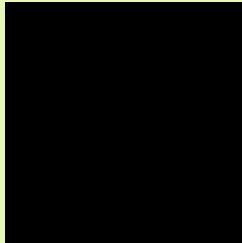
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

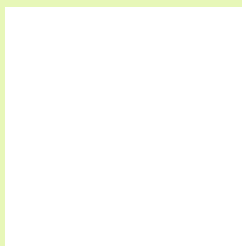
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8675, 86.9711, 58.1886

Background



This preview shows how black text looks on a background with the XYZ color 74.8675, 86.9711, 58.1886.

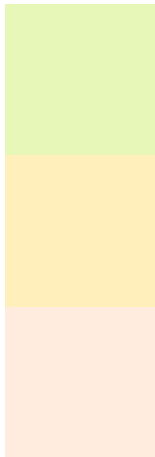


This preview shows how white text looks on a background with the XYZ color 74.8675, 86.9711,

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

74.8675, 86.9711, 58.1886

Protanopia

81.0761, 86.5809, 59.4523

Deuteranopia

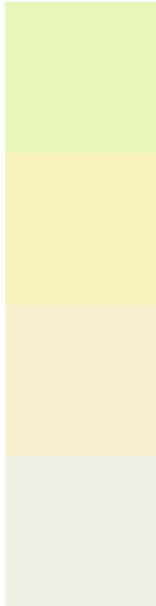
84.5547, 86.5786, 82.0669



Tritanopia

84.9002, 87.0698, 106.9392

Trichromacy



Original Color

74.8675, 86.9711, 58.1886

Protanomaly

78.6211, 86.6423, 59.0342

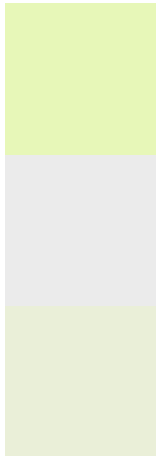
Deuteranomaly

80.6747, 86.5165, 72.7689

Tritanomaly

80.5232, 86.5723, 86.5948

Monochromacy



Original Color

74.8675, 86.9711, 58.1886

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.1929, 84.1833, 77.1462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8675, 86.9711, 58.1886 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(231, 247, 184)` looks like.

```
.text, #text, p{  
    color:rgb(231, 247, 184)  
}
```

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(231, 247, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 247, 184) }
```

Border

The CSS property to change the border of an element to XYZ 74.8675, 86.9711, 58.1886 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(231, 247, 184) }
```


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

```
.border{ border-color:rgb(231, 247, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 247, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 247, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 247, 184);  
box-shadow:4px 4px 4px 4px rgb(231, 247,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8675, 86.9711, 58.1886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 247, 184) }
```

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

```
.background{ background-color: rgb(231,  
247, 184) }
```

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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