

Converting Colors

XYZ(74.3363, 86.6799, 66.1665)

Have a look what the booklet for
XYZ(74.3363, 86.6799, 66.1665)
contains.

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Color

**XYZ(74.1943, 86.4460,
66.2014)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F7C6
RGB	224, 247, 198
RGB Percent	88%, 97%, 78%
CMY	0.1216, 0.0314, 0.2235
CMYK	0.09, 0.00, 0.20, 0.03
HSL	88°, 75%, 87%
HSV	88°, 20%, 97%
XYZ	74.1943, 86.4460, 66.2014
YIQ	234.5370, 2.0210, -20.1150

Conversions

Conversions Part 2

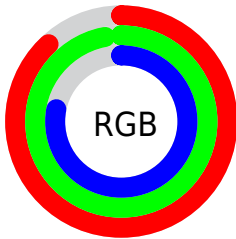
Format	Color
R_{YB}	198, 247, 221
Decimal	14743494
CIE _{Lab}	94.50, -15.93, 21.09
CIE _{LCh}	95, 26.427, 127.062
Yxy	86.4460, 0.3271, 0.3811
Android (android.graphics.Color)	4292933574 (0xFFE0F7C6)
YUV	234.5370, -18.0127, -9.2409
Hunter-Lab	92.9763, -20.2672, 22.8675

Details

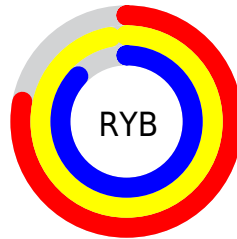
The XYZ color **74.1943, 86.4460, 66.2014** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.8048, 62.4781, 96.5387**, and the grayscale version is **78.7471, 82.8481, 90.2216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8133, 47.6001, 33.4749** is the 20% darker color. If you saturate the color by 10%, you get **68.1030, 83.6112, 52.2375**, and if you desaturate by 10%, it is **81.0000, 89.6006, 82.6276**.

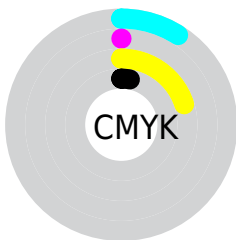
Distribution



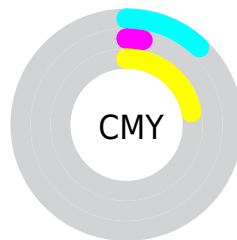
- Red (88%)
- Green (97%)
- Blue (78%)



- Red (78%)
- Yellow (97%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (3%)



- Cyan (12%)
- Magenta (3%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1943, 86.4460, 66.2014 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 74.1943, 86.4460, 66.2014 by changing the saturation by 10% instead.

74.1943, 86.4460,
66.2014

74.1943, 86.4460,
66.2014

464.1836,
516.4007, 465.5207

55.2449, 65.0368,
47.9784

124.1652,
142.3917, 115.4051

39.8325, 47.4910,
33.4499

155.9175,
177.6970, 147.2229

27.5916, 33.4239,
22.1974

192.6681,
218.4032, 184.4093

18.1569, 22.4514,
13.8023

234.7824,
264.8947, 227.3830

11.1631, 14.1890,
7.8461

282.6257,
317.5557, 276.5625

6.2447, 8.2522,
3.9103

336.5635,

3.0365, 4.2568,

376.7708, 332.3662

1.5763

396.9610,
442.9243, 395.2127

■ 1.1731, 1.8182,
0.2738

■ 0.0850, 0.4985,
0.0000

■ 74.1943, 86.4460,
66.2014

■ 74.1943, 86.4460,
66.2014

■ 68.1030, 83.6112,
52.2375

■ 81.0000, 89.6006,
82.6276

■ 62.6918, 81.0734,
40.6116

■ 88.5389, 93.0744,
101.6210

■ 57.9337, 78.8239,
31.1969

■ 92.5525, 95.0050,
108.0675

■ 53.7969, 76.8496,
23.8526

■ 50.2461, 75.1356,
18.4215

■ 47.2418, 73.6656,
14.7239

■ 44.7376, 72.4202,
12.5459

■ 42.6614, 71.3700,
11.5387

■ 42.6302, 71.3542,
11.5259

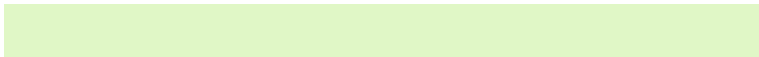
Harmonies

Analogous

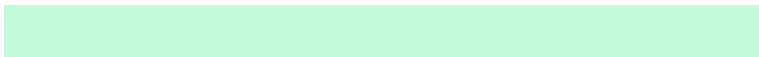
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4943, 86.4460, 60.3592



74.1943, 86.4460, 66.2014



70.2019, 86.4460, 79.6703

Triad

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



74.1943, 86.4460, 66.2014



76.9486, 86.4460, 135.0004



96.4981, 86.4460, 89.3909

Complementary

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



74.1943, 86.4460, 66.2014



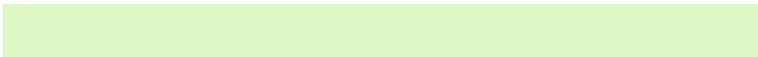
66.8048, 62.4781, 96.5387

Split Complementary

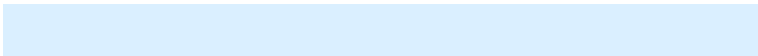
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4139, 86.4460, 110.2301



74.1943, 86.4460, 66.2014



83.8573, 86.4460, 138.5927

Square

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



74.1943, 86.4460, 66.2014



71.7269, 86.4460, 119.7596



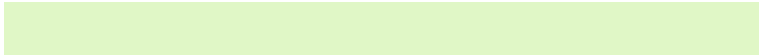
90.6856, 86.4460, 128.9678



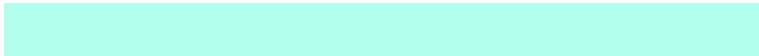
93.5682, 86.4460, 72.4373

Rectangle

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



74.1943, 86.4460, 66.2014



69.2487, 86.4460, 92.1319



90.6856, 86.4460, 128.9678



96.5936, 86.4460, 96.1466

Sweetspot

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



74.1966, 86.4498, 66.2033



90.0903, 97.7166, 96.3175



74.3753, 75.4970, 64.0798



19.1712, 20.8638, 20.3359



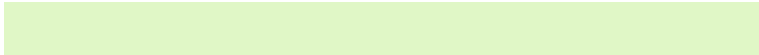
0.0000, 0.0000, 0.0000



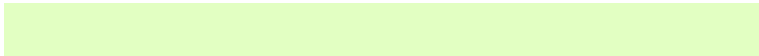
20.3446, 21.4041, 23.3091

Same Dimension

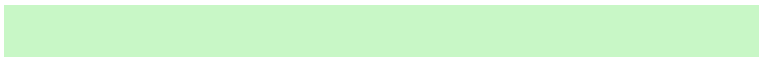
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1966, 86.4498, 66.2033



76.9239, 91.6185, 64.5511



67.1780, 82.8315, 65.8748



17.1217, 18.9048, 17.5441



22.7102, 37.8203, 6.1031



2.1146, 3.3852, 0.5420

Inverse Universe

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



66.8048, 62.4781, 96.5387



67.5842, 61.3281, 102.8832



74.7701, 66.5844, 96.9115



16.3209, 16.3081, 20.8301



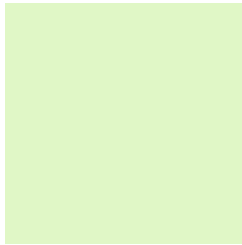
12.8457, 5.5965, 46.9412



1.2466, 0.5525, 4.1312

Previews

White Background



This preview shows how the XYZ color 74.1943, 86.4460, 66.2014 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 74.1943, 86.4460, 66.2014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

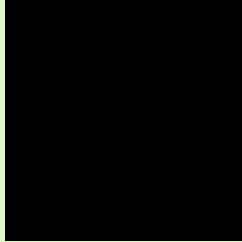
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

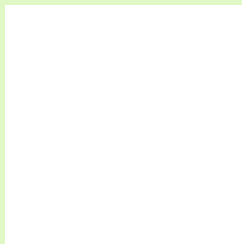
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1943, 86.4460, 66.2014

Background



This preview shows how black text looks on a background with the XYZ color 74.1943, 86.4460, 66.2014.

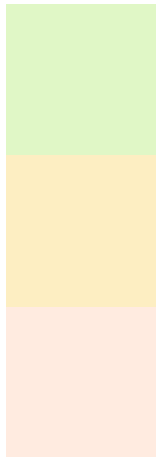


This preview shows how white text looks on a background with the XYZ color 74.1943, 86.4460,

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

74.1943, 86.4460, 66.2014

Protanopia

80.8202, 85.9268, 63.3648

Deuteranopia

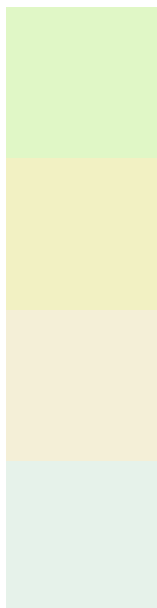
84.4029, 86.0585, 82.6834



Tritanopia

82.8482, 86.4454, 106.9268

Trichromacy



Original Color

74.1943, 86.4460, 66.2014

Protanomaly

77.9236, 85.7280, 64.0699

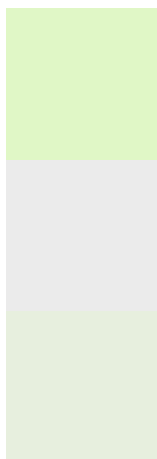
Deuteranomaly

80.4405, 85.8724, 76.6253

Tritanomaly

79.2365, 86.2678, 90.3170

Monochromacy



Original Color

74.1943, 86.4460, 66.2014

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.0063, 83.9959, 81.2614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1943, 86.4460, 66.2014 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(224, 247, 198)` looks like.

```
.text, #text, p{  
    color:rgb(224, 247, 198)  
}
```

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(224, 247, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 247, 198) }
```

Border

The CSS property to change the border of an element to XYZ 74.1943, 86.4460, 66.2014 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(224, 247, 198) }
```


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

```
.border{ border-color:rgb(224, 247, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 247, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 247, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 247, 198);  
box-shadow:4px 4px 4px 4px rgb(224, 247,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1943, 86.4460, 66.2014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 247, 198) }
```

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

```
.background{ background-color: rgb(224,  
247, 198) }
```

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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