

Converting Colors

XYZ(74.6169, 86.8354, 66.1688)

Have a look what the booklet for
XYZ(74.6169, 86.8354, 66.1688)
contains.

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Color

**XYZ(74.5051, 86.6063,
66.2159)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F7C6
RGB	225, 247, 198
RGB Percent	88%, 97%, 78%
CMY	0.1176, 0.0313, 0.2235
CMYK	0.09, 0.00, 0.20, 0.03
HSL	87°, 75%, 87%
HSV	87°, 20%, 97%
XYZ	74.5051, 86.6063, 66.2159
YIQ	234.8360, 2.6170, -19.9030

Conversions

Conversions Part 2

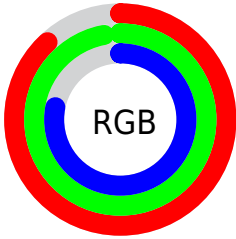
Format	Color
R_{YB}	198, 247, 220
Decimal	14809030
CIE _{Lab}	94.57, -15.58, 21.19
CIE _{LCh}	95, 26.304, 126.320
Yxy	86.6063, 0.3277, 0.3810
Android (android.graphics.Color)	4292999110 (0xFFE1F7C6)
YUV	234.8360, -18.1601, -8.6262
Hunter-Lab	93.0625, -19.9537, 22.9577

Details

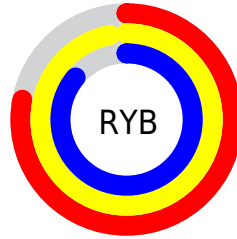
The XYZ color **74.5051, 86.6063, 66.2159** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.5013, 62.3216, 96.5247**, and the grayscale version is **78.9752, 83.0881, 90.4829**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0270, 47.7102, 33.4849** is the 20% darker color. If you saturate the color by 10%, you get **68.5396, 83.8364, 52.2579**, and if you desaturate by 10%, it is **81.1646, 89.6855, 82.6352**.

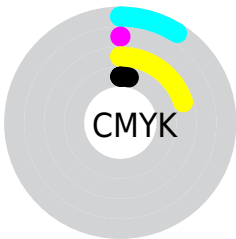
Distribution



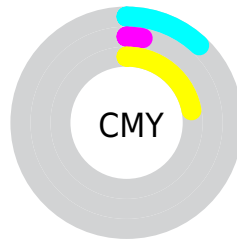
- Red (88%)
- Green (97%)
- Blue (78%)



- Red (78%)
- Yellow (97%)
- Blue (86%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5051, 86.6063, 66.2159 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 74.5051, 86.6063, 66.2159 by changing the saturation by 10% instead.

74.5051, 86.6063,
66.2159

74.5051, 86.6063,
66.2159

465.2382,
516.9283, 465.5739

55.5003, 65.1694,
47.9901

124.6032,
142.6153, 115.4261

40.0378, 47.5985,
33.4591

156.4272,
177.9562, 147.2476

27.7524, 33.5090,
22.2044

193.2551,
218.7005, 184.4381

18.2786, 22.5167,
13.8074

235.4520,
265.2328, 227.4160

11.2511, 14.2370,
7.8496

283.3834,
317.9373, 276.6001

6.3045, 8.2857,
3.9125

337.4147,

3.0735, 4.2783,

377.1984, 332.4087

1.5775

397.9112,
443.4006, 395.2605

■ 1.1928, 1.8304,
0.2747

■ 0.1006, 0.5060,
0.0000

■ 74.5051, 86.6063,
66.2159

■ 74.5051, 86.6063,
66.2159

■ 68.5396, 83.8364,
52.2579

■ 81.1646, 89.6855,
82.6352

■ 63.2344, 81.3531,
40.6369

■ 88.5361, 93.0731,
101.6208

■ 58.5631, 79.1485,
31.2263

■ 92.5525, 95.0051,
108.0675

■ 54.4945, 77.2093,
23.8852

■ 50.9942, 75.5213,
18.4565

■ 48.0232, 74.0685,
14.7604

■ 45.5361, 72.8319,
12.5832

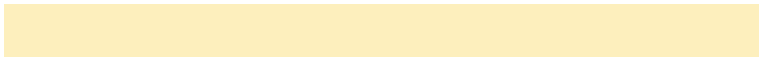
■ 43.4614, 71.7826,
11.5762

■ 43.4302, 71.7667,
11.5634

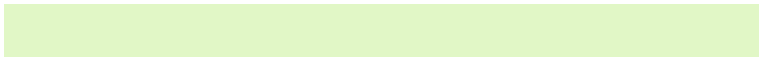
Harmonies

Analogous

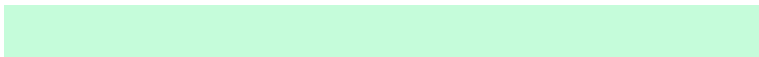
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8255, 86.6063, 60.5803



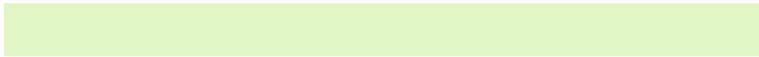
74.5051, 86.6063, 66.2159



70.4551, 86.6063, 79.4750

Triad

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



74.5051, 86.6063, 66.2159



76.9631, 86.6063, 134.7540



96.6200, 86.6063, 90.0678

Complementary

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



74.5051, 86.6063, 66.2159



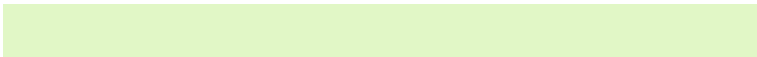
66.5013, 62.3216, 96.5247

Split Complementary

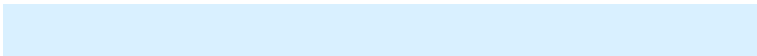
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4401, 86.6063, 110.8616



74.5051, 86.6063, 66.2159



83.8261, 86.6063, 138.6599

Square

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



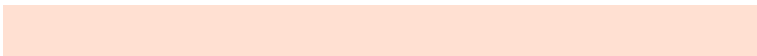
74.5051, 86.6063, 66.2159



71.8162, 86.6063, 119.3597



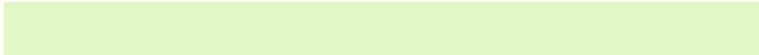
90.6561, 86.6063, 129.3760



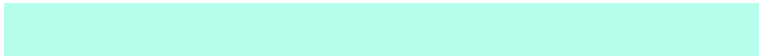
93.7939, 86.6063, 73.0181

Rectangle

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



74.5051, 86.6063, 66.2159



69.4507, 86.6063, 91.8161



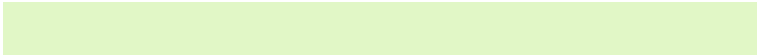
90.6561, 86.6063, 129.3760



96.6809, 86.6063, 96.8273

Sweetspot

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



74.5074, 86.6101, 66.2178



90.2010, 97.7736, 96.3227



73.9465, 74.6393, 63.9367



19.1974, 20.8773, 20.3371



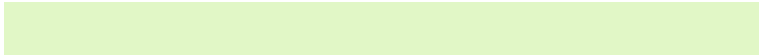
0.0000, 0.0000, 0.0000



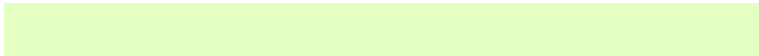
20.3446, 21.4041, 23.3091

Same Dimension

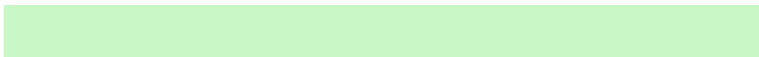
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5074, 86.6101, 66.2178



77.3174, 91.8213, 64.5695



67.6156, 83.0572, 65.8952



17.1551, 18.9220, 17.5457



23.1337, 38.0386, 6.1229



2.1515, 3.4042, 0.5437

Inverse Universe

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



66.5013, 62.3216, 96.5247



67.2020, 61.1310, 102.8653



74.2016, 66.2913, 96.8850



16.2878, 16.2910, 20.8286



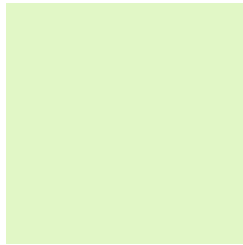
12.4985, 5.4175, 46.9250



1.2150, 0.5362, 4.1297

Previews

White Background



This preview shows how the XYZ color 74.5051, 86.6063, 66.2159 looks on a white background.

Color Contrast Check

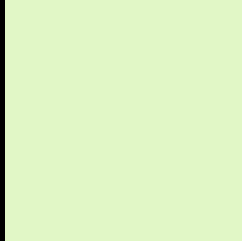
Large Text (above 18pt) WCAG AA × Fail

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 74.5051, 86.6063, 66.2159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

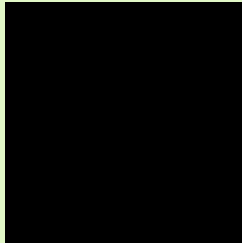
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

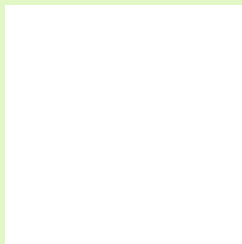
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5051, 86.6063, 66.2159

Background



This preview shows how black text looks on a background with the XYZ color 74.5051, 86.6063, 66.2159.

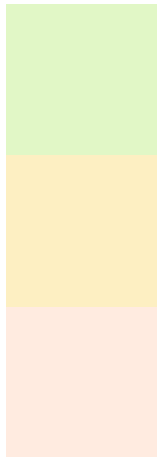


This preview shows how white text looks on a background with the XYZ color 74.5051, 86.6063,

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

74.5051, 86.6063, 66.2159

Protanopia

81.1121, 86.5107, 63.4621

Deuteranopia

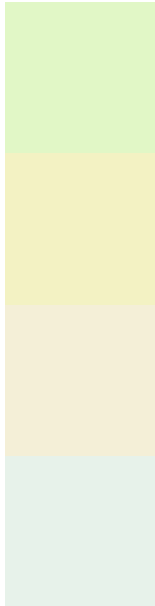
84.4029, 86.0585, 82.6834



Tritanopia

83.1775, 86.6152, 106.9422

Trichromacy



Original Color

74.5051, 86.6063, 66.2159

Protanomaly

78.5646, 86.4991, 64.1850

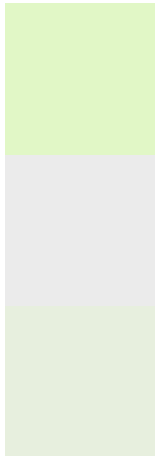
Deuteranomaly

80.4405, 85.8724, 76.6253

Tritanomaly

79.5584, 86.4337, 90.3321

Monochromacy



Original Color

74.5051, 86.6063, 66.2159

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 74.5051, 86.6063, 66.2159 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(225, 247, 198)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 247, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 247, 198) }
```

Border

The CSS property to change the border of an element to XYZ 74.5051, 86.6063, 66.2159 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(225, 247, 198) }
```


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

```
.border{ border-color:rgb(225, 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(225, 247, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 247, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 247, 198); box-shadow:4px 4px 4px 4px rgb(225, 247, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5051, 86.6063, 66.2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 247, 198) }
```

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

```
.background{ background-color: rgb(225,  
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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