

Converting Colors

XYZ(74.1114, 87.8926, 61.2030)

Have a look what the booklet for
XYZ(74.1114, 87.8926, 61.2030)
contains.

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Color

**XYZ(74.1114, 87.8926,
61.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FABD
RGB	224, 250, 189
RGB Percent	88%, 98%, 74%
CMY	0.1216, 0.0196, 0.2588
CMYK	0.10, 0.00, 0.24, 0.02
HSL	86°, 86%, 86%
HSV	86°, 24%, 98%
XYZ	74.1114, 87.8926, 61.2030
YIQ	235.2720, 4.0850, -24.4830

Conversions

Conversions Part 2

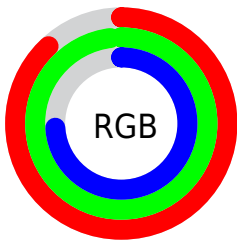
Format	Color
RYB	189, 250, 215
Decimal	14744253
CIELab	95.12, -18.74, 26.52
CIELCh	95, 32.475, 125.246
Yxy	87.8926, 0.3320, 0.3938
Android (android.graphics.Color)	4292934333 (0xFFE0FABD)
YUV	235.2720, -22.8121, -9.8855
Hunter-Lab	93.7511, -22.9578, 26.9198

Details

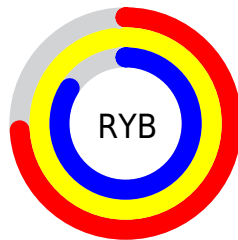
The XYZ color **74.1114, 87.8926, 61.2030** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.4807, 57.7468, 98.2477**, and the grayscale version is **79.3411, 83.4730, 90.9021**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **39.5916, 48.2140, 30.1412** is the 20% darker color. If you saturate the color by 10%, you get **68.4287, 85.2527, 47.9716**, and if you desaturate by 10%, it is **80.4736, 90.8340, 76.9115**.

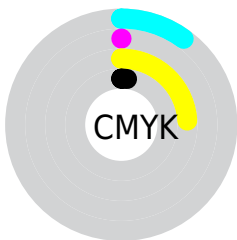
Distribution



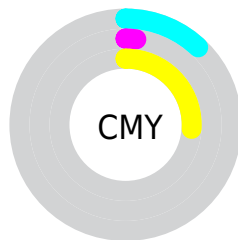
- Red (88%)
- Green (98%)
- Blue (74%)



- Red (74%)
- Yellow (98%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)





- Cyan (12%)
- Magenta (2%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1114, 87.8926, 61.2030 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 74.1114, 87.8926, 61.2030 by changing the saturation by 10% instead.

 74.1114, 87.8926,
61.2030

 74.1114, 87.8926,
61.2030


463.9021,
521.1515, 446.9451

 55.1768, 66.2341,
43.9574


 124.0484,
144.4076, 108.1332

 39.7777, 48.4625,
30.3001


155.7815,
180.0330, 138.6549

 27.5487, 34.1933,
19.8125


192.5115,
221.0827, 174.4390

 18.1245, 23.0421,
12.0761

234.6037,
267.9413, 215.9041

 11.1396, 14.6246,
6.6723

282.4235,
320.9930, 263.4687

 6.2288, 8.5564,
3.1827

336.3363,

 3.0267, 4.4530,

380.6224, 317.5514

1.1887

396.7074,
447.2137, 378.5707

■ 1.1679, 1.9300,
0.0000

■ 0.0808, 0.5663,
0.0000

■ 74.1114, 87.8926,
61.2030

■ 74.1114, 87.8926,
61.2030

■ 68.4287, 85.2527,
47.9716

■ 80.4736, 90.8340,
76.9115

■ 63.3909, 82.8914,
37.0851

■ 87.5343, 94.0763,
95.2090

■ 58.9702, 80.7999,
28.4076

■ 93.4774, 96.8548,
108.3758

■ 55.1338, 78.9648,
21.7871

■ 51.8451, 77.3708,
17.0519

■ 49.0621, 76.0007,
14.0031

■ 46.7341, 74.8337,
12.3966

■ 45.5900, 74.2531,
11.9294

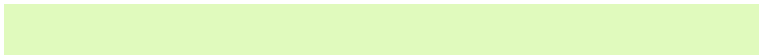
Harmonies

Analogous

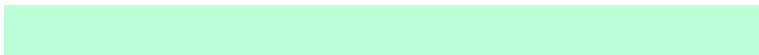
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9951, 87.8926, 54.9572



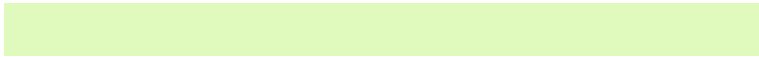
74.1114, 87.8926, 61.2030



69.0382, 87.8926, 76.7344

Triad

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



74.1114, 87.8926, 61.2030



76.6240, 87.8926, 147.0479



101.6296, 87.8926, 91.3188

Complementary

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



74.1114, 87.8926, 61.2030



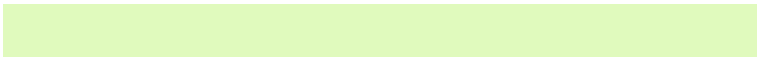
63.4807, 57.7468, 98.2477

Split Complementary

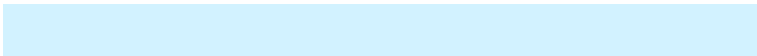
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.9407, 87.8926, 117.5586



74.1114, 87.8926, 61.2030



85.1027, 87.8926, 152.8044

Square

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



74.1114, 87.8926, 61.2030



70.4156, 87.8926, 126.6225



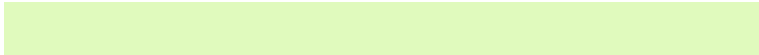
93.7346, 87.8926, 141.2017



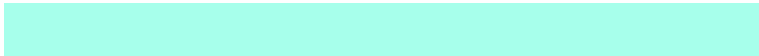
98.1999, 87.8926, 70.2726

Rectangle

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



74.1114, 87.8926, 61.2030



67.7231, 87.8926, 91.7233



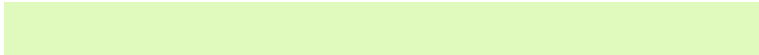
93.7346, 87.8926, 141.2017



101.6441, 87.8926, 99.7903

Sweetspot

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



74.1137, 87.8964, 61.2049



89.5637, 97.4885, 94.3324



72.7651, 72.3055, 58.2666



19.0728, 20.8218, 19.9360



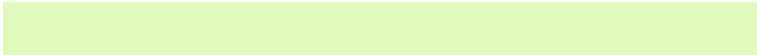
0.0000, 0.0000, 0.0000



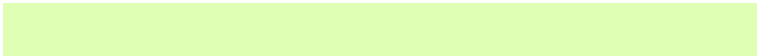
20.3446, 21.4041, 23.3091

Same Dimension

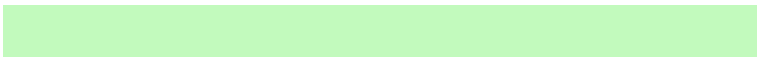
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1137, 87.8964, 61.2049



74.6840, 90.6220, 57.2985



65.6431, 83.5297, 60.8085



17.9709, 19.8008, 18.3372



24.3491, 39.4707, 6.3353



2.3764, 3.7182, 0.5924

Inverse Universe

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



63.4807, 57.7468, 98.2477



61.9011, 54.3706, 101.8398



73.0833, 62.6971, 98.6970



16.9845, 17.0047, 21.7723



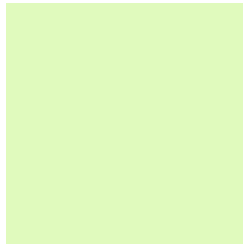
12.4983, 5.3858, 48.3544



1.2760, 0.5599, 4.4840

Previews

White Background



This preview shows how the XYZ color 74.1114, 87.8926, 61.2030 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 74.1114, 87.8926, 61.2030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

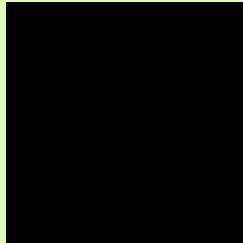
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

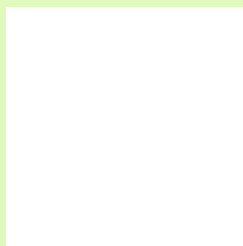
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1114, 87.8926, 61.2030

Background



This preview shows how black text looks on a background with the XYZ color 74.1114, 87.8926, 61.2030.

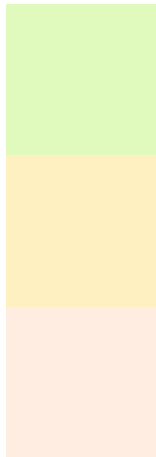


This preview shows how white text looks on a background with the XYZ color 74.1114, 87.8926,

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

74.1114, 87.8926, 61.2030

Protanopia

82.0257, 87.4304, 63.0046

Deuteranopia

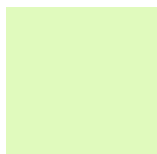
85.2517, 87.3194, 84.3126



Tritanopia

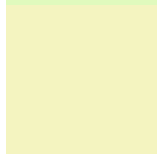
84.0974, 87.9635, 107.1540

Trichromacy



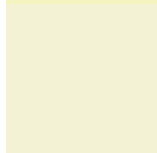
Original Color

74.1114, 87.8926, 61.2030



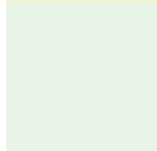
Protanomaly

79.1733, 87.7402, 62.6318



Deuteranomaly

81.0706, 87.5415, 75.5751



Tritanomaly

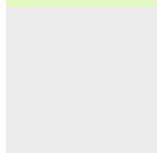
80.0532, 87.6267, 88.2957

Monochromacy



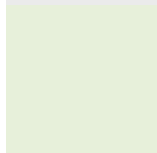
Original Color

74.1114, 87.8926, 61.2030



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.7700, 84.3711, 78.5687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1114, 87.8926, 61.2030 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, 250, 189)` looks like.

```
.text, #text, p{  
    color:rgb(224, 250, 189)  
}
```

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, 250, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 250, 189) }
```

Border

The CSS property to change the border of an element to XYZ 74.1114, 87.8926, 61.2030 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, 250, 189) }
```


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

```
.border{ border-color:rgb(224, 250, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 250, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 250, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 250, 189);  
box-shadow:4px 4px 4px 4px rgb(224, 250,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1114, 87.8926, 61.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 250, 189) }
```

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

```
.background{ background-color: rgb(224,  
250, 189) }
```

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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