

Converting Colors

XYZ(73.0548, 87.9701, 54.1528)

Have a look what the booklet for
XYZ(73.0548, 87.9701, 54.1528)
contains.

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Color

**XYZ(73.0741, 87.9762,
54.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FBB0
RGB	224, 251, 176
RGB Percent	88%, 98%, 69%
CMY	0.1216, 0.0157, 0.3098
CMYK	0.11, 0.00, 0.30, 0.02
HSL	82°, 90%, 84%
HSV	82°, 30%, 98%
XYZ	73.0741, 87.9762, 54.2040
YIQ	234.3770, 7.9830, -29.0490

Conversions

Conversions Part 2

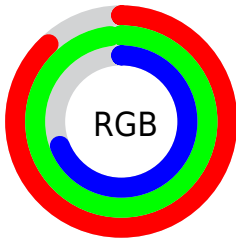
Format	Color
RYB	176, 251, 203
Decimal	14744496
CIELab	95.15, -21.05, 33.13
CIELCh	95, 39.252, 122.430
Yxy	87.9762, 0.3395, 0.4087
Android (android.graphics.Color)	4292934576 (0xFFE0FBB0)
YUV	234.3770, -28.7799, -9.1006
Hunter-Lab	93.7956, -25.0769, 31.3936

Details

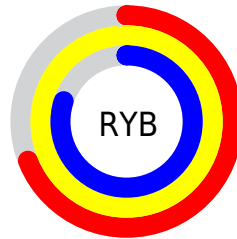
The XYZ color **73.0741, 87.9762, 54.2040** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.5700, 50.7146, 98.0262**, and the grayscale version is **78.7015, 82.8001, 90.1693**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **39.0154, 48.3385, 26.0128** is the 20% darker color. If you saturate the color by 10%, you get **68.0904, 85.6706, 42.1837**, and if you desaturate by 10%, it is **78.6705, 90.5500, 68.6534**.

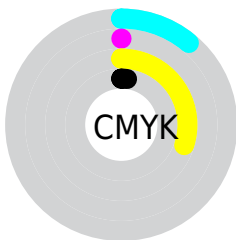
Distribution



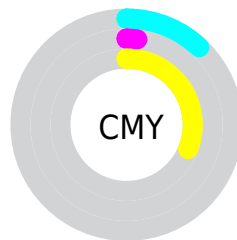
- Red (88%)
- Green (98%)
- Blue (69%)



- Red (69%)
- Yellow (98%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)





- Cyan (12%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0741, 87.9762, 54.2040 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 73.0741, 87.9762, 54.2040 by changing the saturation by 10% instead.


 73.0741, 87.9762,
54.2040

 73.0741, 87.9762,
54.2040


460.3714,
521.4253, 420.0840

 54.3251, 66.3034,
38.3705


 122.5850,
144.5240, 97.8331

 39.0934, 48.5187,
25.9663


154.0776,
180.1678, 126.4658

 27.0134, 34.2378,
16.5729


190.5488,
221.2373, 160.2020

 17.7199, 23.0764,
9.7717

232.3640,
268.1170, 199.4602

 10.8476, 14.6499,
5.1442

279.8885,
321.1913, 244.6590

 6.0310, 8.5741,
2.2719

333.4877,

 2.9048, 4.4644,

380.8445, 296.2168

0.7154

393.5268,
447.4610, 354.5524

■ 1.1036, 1.9366,
0.0000

■ 0.0281, 0.5702,
0.0000

■ 73.0741, 87.9762,
54.2040

■ 73.0741, 87.9762,
54.2040

■ 68.0904, 85.6706,
42.1837

■ 78.6705, 90.5500,
68.6534

■ 63.6850, 83.6104,
32.4534

■ 84.8984, 93.3908,
85.6497

■ 59.8299, 81.7869,
24.8683

■ 91.7841, 96.5125,
105.3097

■ 56.4918, 80.1866,
19.2649

■ 93.7890, 97.4780,
108.4797

■ 53.6327, 78.7940,
15.4565

■ 51.2078, 77.5909,
13.2200

■ 49.1457, 76.5485,
12.1937

■ 49.1225, 76.5367,
12.1840

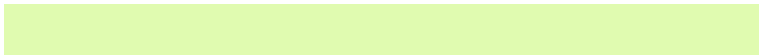
Harmonies

Analogous

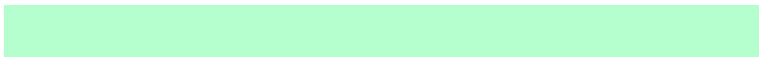
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7502, 87.9762, 48.1968



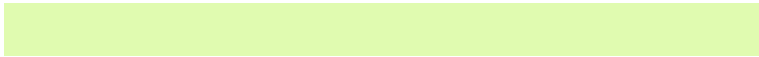
73.0741, 87.9762, 54.2040



66.6911, 87.9762, 71.0498

Triad

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



73.0741, 87.9762, 54.2040



74.4627, 87.9762, 158.0152



105.8794, 87.9762, 93.3166

Complementary

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



73.0741, 87.9762, 54.2040



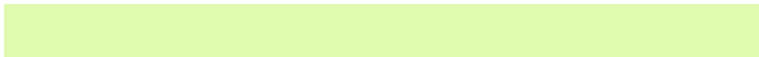
57.5700, 50.7146, 98.0262

Split Complementary

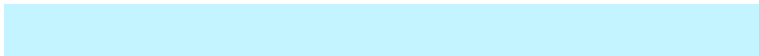
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.1927, 87.9762, 125.6974



73.0741, 87.9762, 54.2040



84.4933, 87.9762, 167.4543

Square

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



73.0741, 87.9762, 54.2040



67.4435, 87.9762, 130.9509



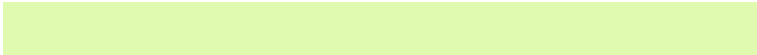
95.1319, 87.9762, 154.5559



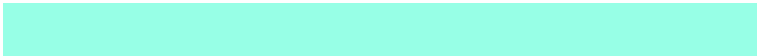
102.1932, 87.9762, 67.5658

Rectangle

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



73.0741, 87.9762, 54.2040



64.8552, 87.9762, 88.2448



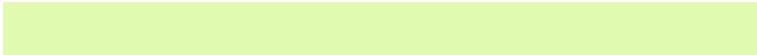
95.1319, 87.9762, 154.5559



105.6916, 87.9762, 103.7559

Sweetspot

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



73.0763, 87.9801, 54.2059



88.5976, 97.0754, 90.4490



68.8026, 66.0052, 50.1896



18.7515, 20.6817, 18.7670



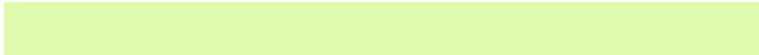
0.0000, 0.0000, 0.0000



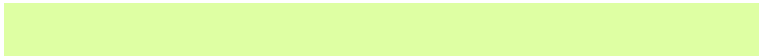
20.3446, 21.4041, 23.3091

Same Dimension

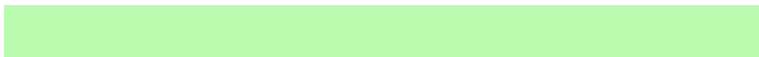
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0763, 87.9801, 54.2059



72.4968, 89.6927, 48.2358



62.8912, 82.7294, 53.7292



18.0858, 19.8600, 18.3425



25.9844, 40.3137, 6.4118



2.5224, 3.7934, 0.5993

Inverse Universe

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



57.5700, 50.7146, 98.0262



54.0136, 45.2552, 100.4960



68.7915, 56.4995, 98.5514



16.8729, 16.9471, 21.7671



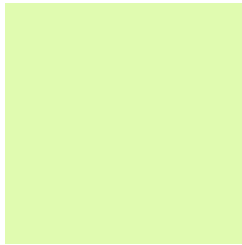
11.5326, 4.8880, 48.3092



1.1794, 0.5101, 4.4795

Previews

White Background



This preview shows how the XYZ color 73.0741, 87.9762, 54.2040 looks on a white background.

Color Contrast Check

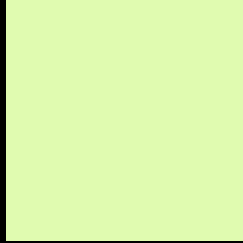
Large Text (above 18pt) WCAG AA × Fail

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 73.0741, 87.9762, 54.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

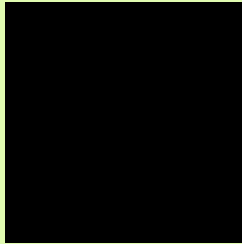
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0741, 87.9762, 54.2040

Background



This preview shows how black text looks on a background with the XYZ color 73.0741, 87.9762, 54.2040.

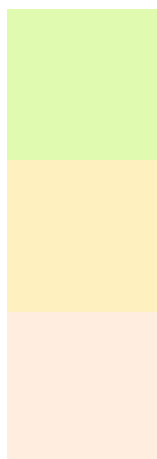


This preview shows how white text looks on a background with the XYZ color 73.0741, 87.9762,

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

73.0741, 87.9762, 54.2040

Protanopia

82.0993, 87.9322, 61.9357

Deuteranopia

85.2691, 87.7909, 82.9722



Tritanopia

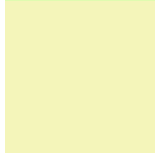
84.1351, 87.5447, 107.0712

Trichromacy



Original Color

73.0741, 87.9762, 54.2040



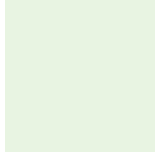
Protanomaly

78.8236, 88.0831, 59.3017



Deuteranomaly

80.6213, 87.8393, 71.7370



Tritanomaly

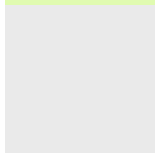
79.3569, 87.3482, 84.6288

Monochromacy



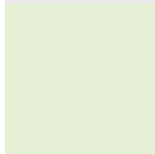
Original Color

73.0741, 87.9762, 54.2040



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.8035, 83.9473, 75.1590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0741, 87.9762, 54.2040 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, 251, 176)` looks like.

```
.text, #text, p{  
    color:rgb(224, 251, 176)  
}
```

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, 251, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 251, 176) }
```

Border

The CSS property to change the border of an element to XYZ 73.0741, 87.9762, 54.2040 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, 251, 176) }
```


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

```
.border{ border-color:rgb(224, 251, 176) }
```

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

Here you see how a box with a 4 pixel rgb(224, 251, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 251, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 251, 176);  
box-shadow:4px 4px 4px 4px rgb(224, 251,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0741, 87.9762, 54.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 251, 176) }
```

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

```
.background{ background-color: rgb(224,  
251, 176) }
```

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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