

Converting Colors

XYZ(74.9564, 90.7822, 56.2228)

Have a look what the booklet for
XYZ(74.9564, 90.7822, 56.2228)
contains.

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Color

**XYZ(74.9480, 90.7822,
56.2204)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FFB3
RGB	225, 255, 179
RGB Percent	88%, 100%, 70%
CMY	0.1176, 0.0000, 0.2980
CMYK	0.12, 0.00, 0.30, 0.00
HSL	84°, 100%, 85%
HSV	84°, 30%, 100%
XYZ	74.9480, 90.7822, 56.2204
YIQ	237.3660, 6.5160, -29.9960

Conversions

Conversions Part 2

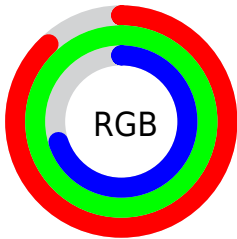
Format	Color
RYB	179, 255, 209
Decimal	14811059
CIELab	96.32, -22.21, 33.21
CIELCh	96, 39.947, 123.775
Yxy	90.7822, 0.3377, 0.4090
Android (android.graphics.Color)	4293001139 (0xFFE1FFB3)
YUV	237.3660, -28.7744, -10.8450
Hunter-Lab	95.2797, -26.3295, 31.7113

Details

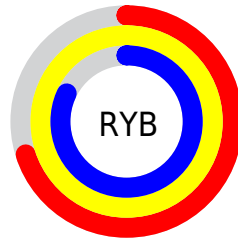
The XYZ color **74.9480, 90.7822, 56.2204** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.4657, 53.0168, 101.6541**, and the grayscale version is **80.9891, 85.2068, 92.7902**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **40.3222, 50.3295, 27.3280** is the 20% darker color. If you saturate the color by 10%, you get **69.5565, 88.2737, 43.7276**, and if you desaturate by 10%, it is **81.0024, 93.5773, 71.2362**.

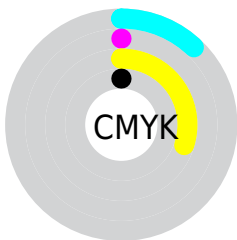
Distribution



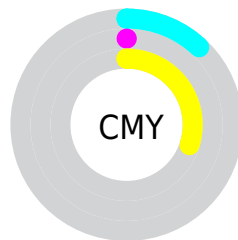
- Red (88%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9480, 90.7822, 56.2204 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 74.9480, 90.7822, 56.2204 by changing the saturation by 10% instead.


 74.9480, 90.7822,
56.2204

 74.9480, 90.7822,
56.2204


466.7388,
530.5720, 427.9332

 55.8643, 68.6296,
39.9745

 125.2271,
148.4244, 100.8158

 40.3307, 50.4101,
27.2050


157.1531,
184.6828, 130.0023

 27.9819, 35.7394,
17.4935


194.0907,
226.4119, 164.3394

 18.4524, 24.2330,
10.4213

236.4052,
273.9962, 204.2457

 11.3769, 15.5065,
5.5699

284.4618,
327.8199, 250.1397

 6.3901, 9.1756,
2.5209

338.6261,

 3.1266, 4.8559,

388.2675, 302.4399

0.8512

399.2633,
455.7234, 361.5649

■ 1.2211, 2.1630,
0.0000

■ 0.1229, 0.6997,
0.0000

■ 74.9480, 90.7822,
56.2204

■ 74.9480, 90.7822,
56.2204

■ 69.5565, 88.2737,
43.7276

■ 81.0024, 93.5773,
71.2362

■ 64.7970, 86.0390,
33.6150

■ 87.7457, 96.6696,
88.8992

■ 60.6380, 84.0651,
25.7317

95.0500, 100.0000,
108.9000

■ 57.0438, 82.3374,
19.9078

■ 53.9741, 80.8394,
15.9492

■ 51.3814, 79.5516,
13.6243

■ 49.1920, 78.4441,
12.5630

■ 49.1513, 78.4235,
12.5467

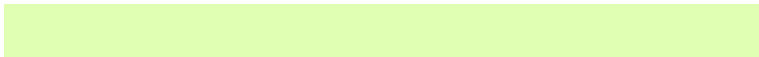
Harmonies

Analogous

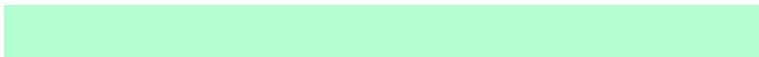
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8871, 90.7822, 49.5106



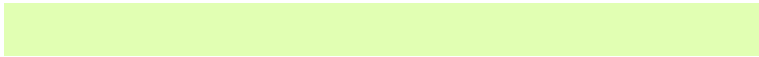
74.9480, 90.7822, 56.2204



68.5087, 90.7822, 74.2048

Triad

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



74.9480, 90.7822, 56.2204



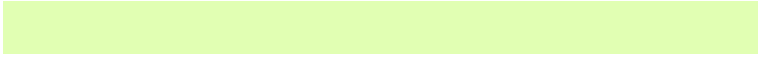
77.1874, 90.7822, 164.5004



109.4010, 90.7822, 94.8733

Complementary

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



74.9480, 90.7822, 56.2204



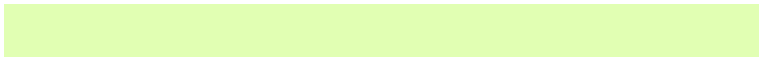
60.4657, 53.0168, 101.6541

Split Complementary

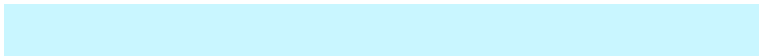
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.8992, 90.7822, 128.4158



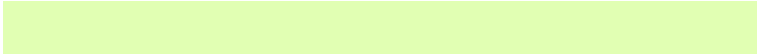
74.9480, 90.7822, 56.2204



87.6997, 90.7822, 173.3089

Square

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



74.9480, 90.7822, 56.2204



69.7216, 90.7822, 136.9018



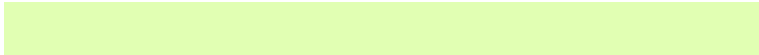
98.7129, 90.7822, 158.9089



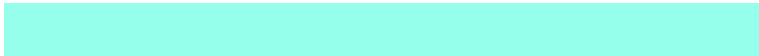
105.2852, 90.7822, 68.5906

Rectangle

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



74.9480, 90.7822, 56.2204



66.7469, 90.7822, 92.3610



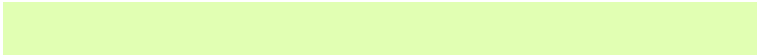
98.7129, 90.7822, 158.9089



109.3079, 90.7822, 105.6285

Sweetspot

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



74.9484, 90.7824, 56.2217



88.3178, 96.9311, 90.4359



71.9657, 69.6923, 52.3081



18.6825, 20.6461, 18.7638



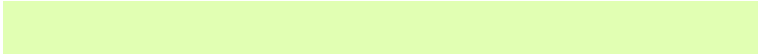
0.0000, 0.0000, 0.0000



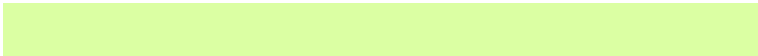
20.3446, 21.4041, 23.3091

Same Dimension

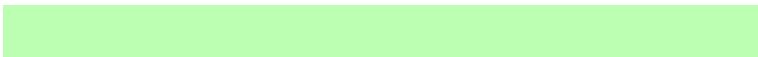
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9484, 90.7824, 56.2217



71.5308, 89.1948, 48.1906



64.6037, 85.4495, 55.7376



18.8266, 20.7120, 19.1499



25.8553, 41.0670, 6.5640



2.6404, 4.0619, 0.6449

Inverse Universe

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



60.4657, 53.0168, 101.6541



54.8522, 45.6875, 100.5353



72.2235, 59.0782, 102.2044



17.6814, 17.7275, 22.7398



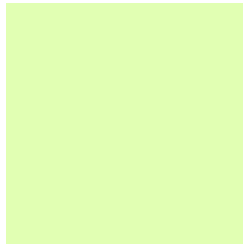
12.3720, 5.2885, 49.8033



1.3233, 0.5761, 4.8547

Previews

White Background



This preview shows how the XYZ color 74.9480, 90.7822, 56.2204 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 74.9480, 90.7822, 56.2204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

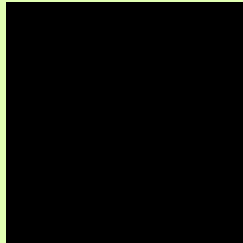
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

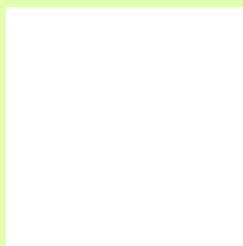
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9480, 90.7822, 56.2204

Background



This preview shows how black text looks on a background with the XYZ color 74.9480, 90.7822, 56.2204.

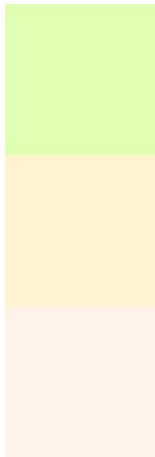


This preview shows how white text looks on a background with the XYZ color 74.9480, 90.7822,

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

74.9480, 90.7822, 56.2204

Protanopia

84.8532, 90.4664, 72.0210

Deuteranopia

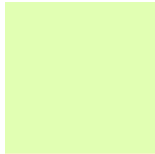
87.5576, 90.5905, 89.2149



Tritanopia

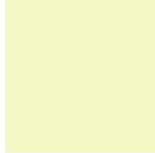
86.3359, 90.4466, 107.5153

Trichromacy



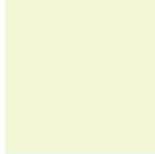
Original Color

74.9480, 90.7822, 56.2204



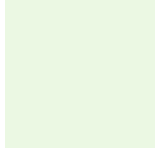
Protanomaly

80.9537, 90.3991, 66.0054



Deuteranomaly

82.5792, 90.5587, 76.0780



Tritanomaly

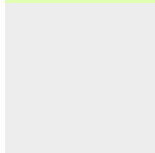
81.6935, 90.3430, 85.8053

Monochromacy



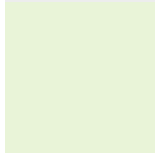
Original Color

74.9480, 90.7822, 56.2204



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.3496, 86.9829, 77.6257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9480, 90.7822, 56.2204 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, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 179)  
}
```

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, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 179) }
```

Border

The CSS property to change the border of an element to XYZ 74.9480, 90.7822, 56.2204 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, 255, 179) }
```


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

```
.border{ border-color:rgb(225, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9480, 90.7822, 56.2204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 179) }
```

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

```
.background{ background-color: rgb(225,  
255, 179) }
```

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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