

Converting Colors

XYZ(116.4611, 174.7019,
72.2856)

Have a look what the booklet for
XYZ(116.4611, 174.7019, 72.2856)
contains.

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Color

**XYZ(74.4314, 90.4685,
58.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	DEFFB7
RGB	222, 255, 183
RGB Percent	87%, 100%, 72%
CMY	0.1294, 0.0000, 0.2823
CMYK	0.13, 0.00, 0.28, 0.00
HSL	88°, 100%, 86%
HSV	88°, 28%, 100%
XYZ	74.4314, 90.4685, 58.3390
YIQ	236.9250, 3.4440, -29.3880

Conversions

Conversions Part 2

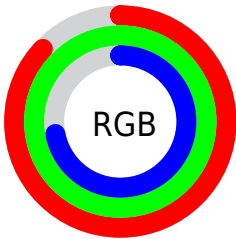
Format	Color
RYB	183, 255, 216
Decimal	14614455
CIELab	96.19, -22.71, 30.99
CIELCh	96, 38.423, 126.238
Yxy	90.4685, 0.3334, 0.4053
Android (android.graphics.Color)	4292804535 (0xFFDEFFB7)
YUV	236.9250, -26.5850, -13.0892
Hunter-Lab	95.1149, -26.7674, 30.2148

Details

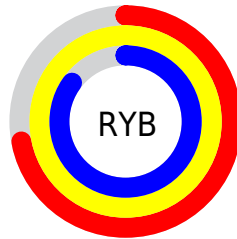
The XYZ color **74.4314, 90.4685, 58.3390** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.3035, 55.6872, 102.0200**, and the grayscale version is **80.6342, 84.8335, 92.3836**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **39.8824, 50.0801, 28.3333** is the 20% darker color. If you saturate the color by 10%, you get **68.5563, 87.7191, 45.4419**, and if you desaturate by 10%, it is **81.0365, 93.5385, 73.7828**.

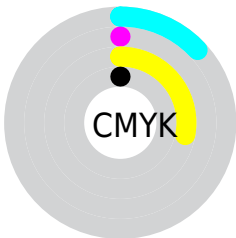
Distribution



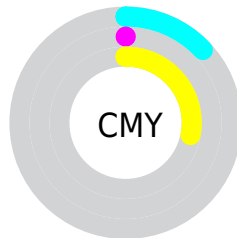
- Red (87%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4314, 90.4685, 58.3390 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 74.4314, 90.4685, 58.3390 by changing the saturation by 10% instead.


 74.4314, 90.4685,
58.3390

 74.4314, 90.4685,
58.3390


464.9883,
529.5537, 436.0814

 55.4397, 68.3693,
41.6647

 124.4994,
147.9890, 103.9360

 39.9891, 50.1982,
28.5153


156.3064,
184.1790, 133.6958

 27.7142, 35.5709,
18.4720


193.1159,
225.8348, 168.6546

 18.2497, 24.1030,
11.1165

235.2933,
273.3408, 209.2308

 11.2302, 15.4100,
6.0301

283.2038,
327.0812, 255.8431

 6.2903, 9.1077,
2.7943

337.2129,

 3.0647, 4.8115,

387.4406, 308.9099

0.9906

397.6860,
454.8033, 368.8499

■ 1.1881, 2.1371,
0.0000

■ 0.0969, 0.6854,
0.0000

■ 74.4314, 90.4685,
58.3390

■ 74.4314, 90.4685,
58.3390

■ 68.5563, 87.7191,
45.4419

■ 81.0365, 93.5385,
73.7828

■ 63.3788, 85.2769,
34.9504

■ 88.3991, 96.9408,
91.8961

■ 58.8659, 83.1280,
26.7158

95.0500, 100.0000,
108.9000

■ 54.9805, 81.2570,
20.5715

■ 51.6812, 79.6466,
16.3274

■ 48.9197, 78.2770,
13.7591

■ 46.6313, 77.1215,
12.5575

■ 46.2615, 76.9337,
12.4115

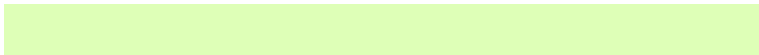
Harmonies

Analogous

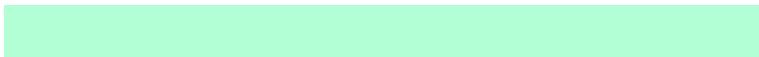
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7797, 90.4685, 50.9157



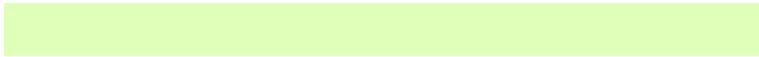
74.4314, 90.4685, 58.3390



68.5596, 90.4685, 76.6945

Triad

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



74.4314, 90.4685, 58.3390



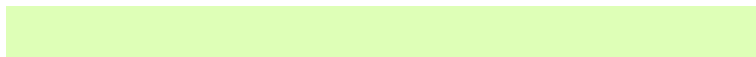
77.9903, 90.4685, 162.5885



108.0146, 90.4685, 92.2632

Complementary

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



74.4314, 90.4685, 58.3390



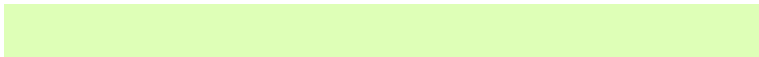
63.3035, 55.6872, 102.0200

Split Complementary

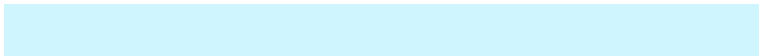
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.1439, 90.4685, 124.1015



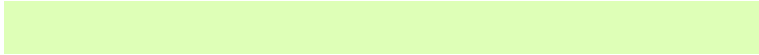
74.4314, 90.4685, 58.3390



88.2340, 90.4685, 169.1393

Square

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



74.4314, 90.4685, 58.3390



70.4925, 90.4685, 137.4394



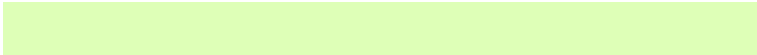
98.6820, 90.4685, 153.8420



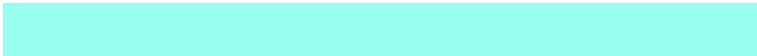
103.6017, 90.4685, 67.7196

Rectangle

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



74.4314, 90.4685, 58.3390



67.1138, 90.4685, 94.7032



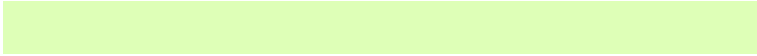
98.6820, 90.4685, 153.8420



108.1045, 90.4685, 102.4068

Sweetspot

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



74.4318, 90.4687, 58.3403



88.5810, 97.0246, 92.3535



74.1903, 73.4845, 55.0748



18.7117, 20.6528, 19.1445



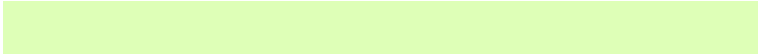
0.0000, 0.0000, 0.0000



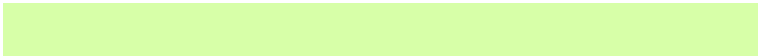
20.3446, 21.4041, 23.3091

Same Dimension

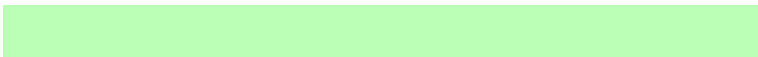
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4318, 90.4687, 58.3403



70.9571, 88.8451, 50.6015



64.7039, 85.4537, 57.8851



18.7117, 20.6528, 19.1445



24.3470, 40.2894, 6.4934



2.4966, 3.9878, 0.6381

Inverse Universe

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



63.3035, 55.6872, 102.0200



58.1313, 48.7516, 100.9539



74.9120, 61.6716, 102.5633



17.7941, 17.7856, 22.7451



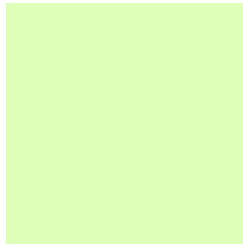
13.4237, 5.8307, 49.8525



1.4312, 0.6317, 4.8598

Previews

White Background



This preview shows how the XYZ color 74.4314, 90.4685, 58.3390 looks on a white background.

Color Contrast Check

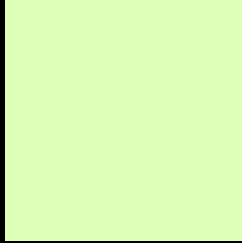
Large Text (above 18pt) WCAG AA × Fail

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 74.4314, 90.4685, 58.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

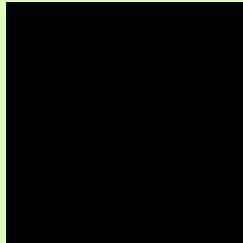
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

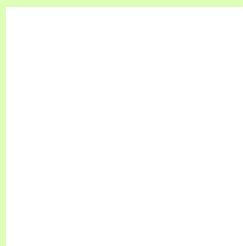
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4314, 90.4685, 58.3390

Background



This preview shows how black text looks on a background with the XYZ color 74.4314, 90.4685, 58.3390.



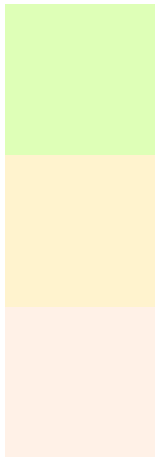
This preview shows how white text looks on a background with the XYZ color 74.4314, 90.4685,

58.3390.

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

74.4314, 90.4685, 58.3390

Protanopia

84.4312, 89.8174, 71.2790

Deuteranopia

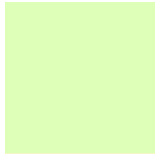
87.1191, 89.9401, 88.3698



Tritanopia

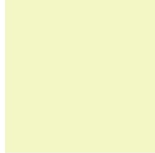
85.6606, 90.0985, 107.4837

Trichromacy



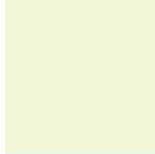
Original Color

74.4314, 90.4685, 58.3390



Protanomaly

80.4160, 89.6534, 66.4925



Deuteranomaly

82.0555, 89.8213, 76.6308



Tritanomaly

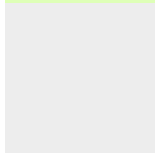
80.9890, 89.9478, 87.2218

Monochromacy



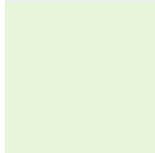
Original Color

74.4314, 90.4685, 58.3390



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.1538, 86.8669, 78.2935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4314, 90.4685, 58.3390 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(222, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(222, 255, 183)  
}
```

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(222, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 183) }
```

Border

The CSS property to change the border of an element to XYZ 74.4314, 90.4685, 58.3390 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(222, 255, 183) }
```


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

```
.border{ border-color:rgb(222, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(222, 255,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4314, 90.4685, 58.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 183) }
```

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

```
.background{ background-color: rgb(222,  
255, 183) }
```

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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