

# Converting Colors

XYZ(74.7444, 89.4151, 58.8274)

Have a look what the booklet for  
XYZ(74.7444, 89.4151, 58.8274)  
contains.

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# Color

**XYZ(74.5135, 89.0891,  
58.6160)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1FCB8
RGB	225, 252, 184
RGB Percent	88%, 99%, 72%
CMY	0.1176, 0.0117, 0.2784
CMYK	0.11, 0.00, 0.27, 0.01
HSL	84°, 92%, 85%
HSV	84°, 27%, 99%
XYZ	74.5135, 89.0891, 58.6160
YIQ	236.1750, 5.7360, -26.8720

# Conversions

## Conversions Part 2

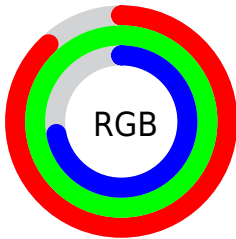
Format	Color
<a href="#">RYB</a>	<a href="#">184, 252, 211</a>
Decimal	<a href="#">14810296</a>
CIELab	<a href="#">95.62, -20.07, 29.75</a>
CIELCh	<a href="#">96, 35.886, 124.013</a>
Yxy	<a href="#">89.0891, 0.3353, 0.4009</a>
Android (android.graphics.Color)	<a href="#">4293000376 (0xFFE1FCB8)</a>
YUV	<a href="#">236.1750, -25.7223, -9.8005</a>
Hunter-Lab	<a href="#">94.3870, -24.2611, 29.2508</a>

# Details

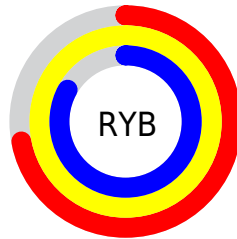
The XYZ color **74.5135, 89.0891, 58.6160** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.5787, 55.1606, 99.5019**, and the grayscale version is **80.0527, 84.2217, 91.7174**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **39.9066, 49.0769, 28.4886** is the 20% darker color. If you saturate the color by 10%, you get **69.0754, 86.5669, 45.7792**, and if you desaturate by 10%, it is **80.6097, 91.9016, 73.9436**.

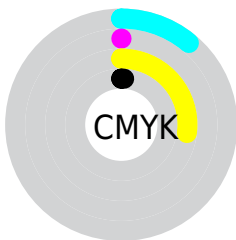
# Distribution



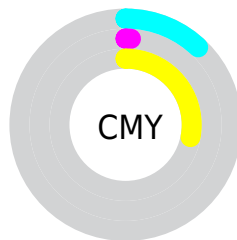
- Red (88%)
- Green (99%)
- Blue (72%)



- Red (72%)
- Yellow (99%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (1%)




- Cyan (12%)
- Magenta (1%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5135, 89.0891, 58.6160 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 74.5135, 89.0891, 58.6160 by changing the saturation by 10% instead.





 74.5135, 89.0891,  
58.6160

 74.5135, 89.0891,  
58.6160

465.2667,  
525.0633, 437.1396

 55.5072, 67.2254,  
41.8861


 124.6151,  
146.0725, 104.3430

 40.0434, 49.2678,  
28.6872


156.4410,  
181.9609, 134.1771

 27.7567, 34.8320,  
18.6008


193.2709,  
223.2931, 169.2165

 18.2819, 23.5335,  
11.2083

235.4701,  
270.4533, 209.8795

 11.2535, 14.9879,  
6.0912

283.4039,  
323.8261, 256.5848

 6.3061, 8.8109,  
2.8309

337.4377,

 3.0745, 4.6180,

383.7957, 309.7509

1.0090

397.9369,  
450.7467, 369.7963

■ 1.1933, 2.0250,  
0.0000

■ 0.1011, 0.6219,  
0.0000

■ 74.5135, 89.0891,  
58.6160

■ 74.5135, 89.0891,  
58.6160

■ 69.0754, 86.5669,  
45.7792

■ 80.6097, 91.9016,  
73.9436

■ 64.2604, 84.3118,  
35.2956

■ 87.3833, 95.0036,  
91.8781

■ 60.0404, 82.3150,  
27.0233

■ 94.1023, 98.1046,  
108.5841

■ 56.3818, 80.5628,  
20.8027

■ 53.2469, 79.0397,  
16.4527

■ 50.5918, 77.7278,  
13.7606

■ 48.3615, 76.6046,  
12.4554

■ 47.7482, 76.2933,  
12.2095

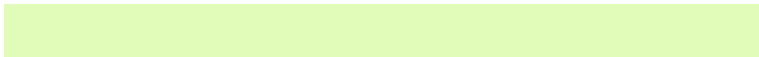
# Harmonies

## Analogous

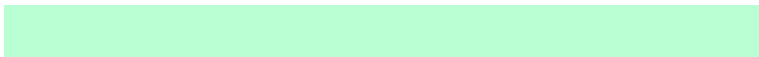
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3575, 89.0891, 52.3155



74.5135, 89.0891, 58.6160



68.7608, 89.0891, 75.1152

# Triad

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



74.5135, 89.0891, 58.6160



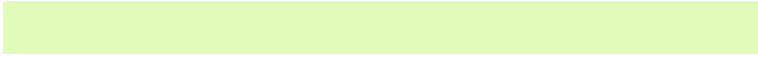
76.6425, 89.0891, 154.4150



105.0194, 89.0891, 93.2547

# Complementary

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



74.5135, 89.0891, 58.6160



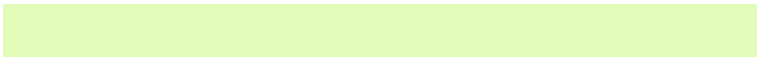
61.5787, 55.1606, 99.5019

# Split Complementary

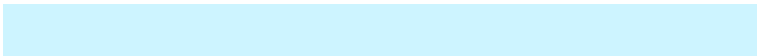
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.8762, 89.0891, 122.7762



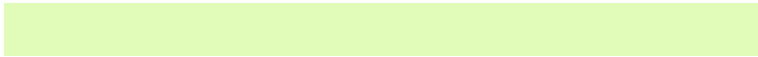
74.5135, 89.0891, 58.6160



86.0094, 89.0891, 161.8295

# Square

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



74.5135, 89.0891, 58.6160



69.9214, 89.0891, 130.6343



95.7240, 89.0891, 149.2954

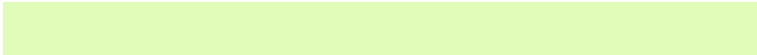


101.3739, 89.0891, 69.7041

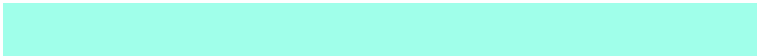


# Rectangle

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



74.5135, 89.0891, 58.6160



67.1953, 89.0891, 91.4520



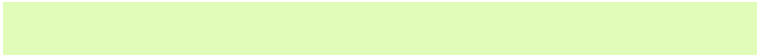
95.7240, 89.0891, 149.2954



104.9537, 89.0891, 102.7739

# Sweetspot

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



74.5158, 89.0930, 58.6179



89.0198, 97.2508, 92.3741



71.8630, 70.2853, 55.1275



18.8223, 20.7098, 19.1497



0.0000, 0.0000, 0.0000

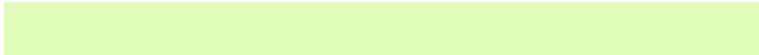


20.3446, 21.4041, 23.3091

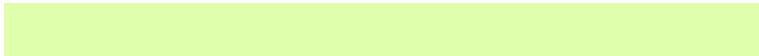


# Same Dimension

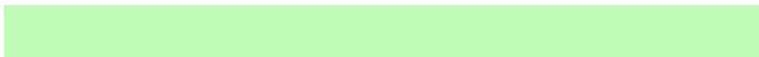
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5158, 89.0930, 58.6179



73.6485, 90.1764, 53.2625



65.1863, 84.2835, 58.1813



18.0214, 19.8268, 18.3395



25.0420, 39.8279, 6.3677



2.4387, 3.7503, 0.5953



# Inverse Universe

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



61.5787, 55.1606, 99.5019



58.4698, 50.3546, 101.2455



72.0459, 60.5566, 99.9918



16.9353, 16.9793, 21.7700



12.0494, 5.1544, 48.3334

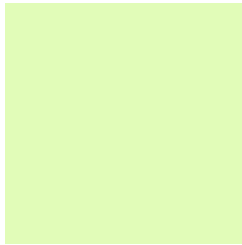


1.2316, 0.5370, 4.4819



# Previews

## White Background



This preview shows how the XYZ color 74.5135, 89.0891, 58.6160 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 74.5135, 89.0891, 58.6160 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

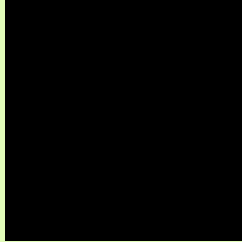
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

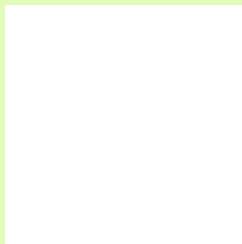
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.5135, 89.0891, 58.6160**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.5135, 89.0891, 58.6160.



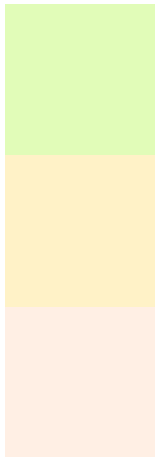
This preview shows how white text looks on a background with the XYZ color 74.5135, 89.0891,

58.6160.

# 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

74.5135, 89.0891, 58.6160

### Protanopia

83.3009, 88.8878, 66.7995

### Deuteranopia

86.1101, 88.5944, 85.9607



## Tritanopia

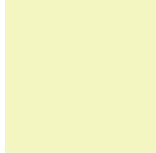
85.0620, 88.9014, 107.2842

# Trichromacy



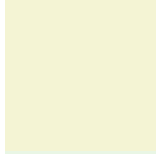
## Original Color

74.5135, 89.0891, 58.6160



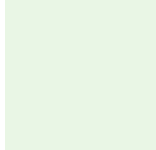
## Protanomaly

80.0016, 89.0397, 64.0088



## Deuteranomaly

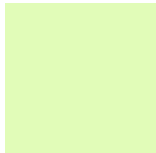
81.5426, 88.6879, 75.1081



## Tritanomaly

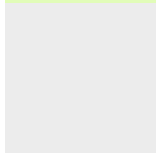
80.7029, 88.8923, 87.0332

# Monochromacy



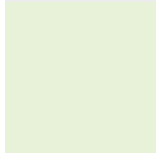
## Original Color

74.5135, 89.0891, 58.6160



## Achromatopsia

79.7278, 83.8799, 91.3452



## Achromatomaly

77.5552, 85.6698, 78.0940

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.5135, 89.0891, 58.6160 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, 252, 184)` looks like.

```
.text, #text, p{  
    color:rgb(225, 252, 184)  
}
```

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, 252, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 252, 184) }
```

## Border

The CSS property to change the border of an element to XYZ 74.5135, 89.0891, 58.6160 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, 252, 184) }
```



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

```
.border{ border-color:rgb(225, 252, 184) }
```

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

Here you see how a box with a 4 pixel rgb(225, 252, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 252, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 252, 184);  
box-shadow:4px 4px 4px 4px rgb(225, 252,  
184) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.5135, 89.0891, 58.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 252, 184) }
```

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

```
.background{ background-color: rgb(225,  
252, 184) }
```

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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