

# Converting Colors

XYZ(74.6924, 87.7032, 73.6151)

Have a look what the booklet for  
XYZ(74.6924, 87.7032, 73.6151)  
contains.

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# Color

**XYZ(74.9076, 88.0347,  
73.3660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBFAD1
RGB	219, 250, 209
RGB Percent	86%, 98%, 82%
CMY	0.1412, 0.0196, 0.1804
CMYK	0.12, 0.00, 0.16, 0.02
HSL	105°, 80%, 90%
HSV	105°, 16%, 98%
XYZ	74.9076, 88.0347, 73.3660
YIQ	236.0570, -5.3150, -19.3230

# Conversions

## Conversions Part 2

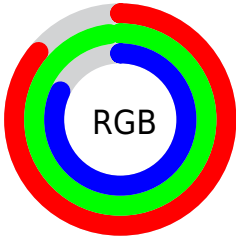
Format	Color
R <sub>Y</sub> B	209, 250, 240
Decimal	14416593
CIE Lab	95.18, -17.36, 16.34
CIE LCh	95, 23.841, 136.721
Yxy	88.0347, 0.3170, 0.3725
Android (android.graphics.Color)	4292606673 (0xFFDBFAD1)
YUV	236.0570, -13.3391, -14.9590
Hunter-Lab	93.8268, -21.6896, 19.3181

# Details

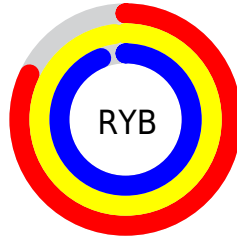
The XYZ color **74.9076, 88.0347, 73.3660** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.9946, 71.0309, 100.1521**, and the grayscale version is **79.8763, 84.0361, 91.5153**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2125, 48.3655, 37.7879** is the 20% darker color. If you saturate the color by 10%, you get **66.6846, 84.1282, 58.0720**, and if you desaturate by 10%, it is **84.2670, 92.4761, 91.2522**.

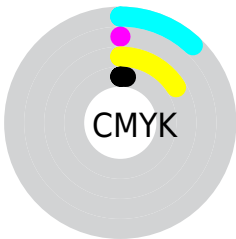
# Distribution



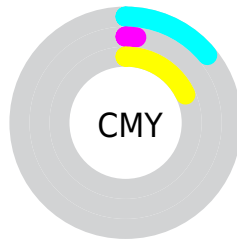
- Red (86%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (94%)



- Cyan (12%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)




- Cyan (14%)
- Magenta (2%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9076, 88.0347, 73.3660 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 74.9076, 88.0347, 73.3660 by changing the saturation by 10% instead.




 74.9076, 88.0347,  
73.3660

 74.9076, 88.0347,  
73.3660


466.6020,  
521.6169, 491.3871

 55.8311, 66.3518,  
53.7816


125.1702,  
144.6055, 125.7224

 40.3040, 48.5580,  
38.0351


157.0869,  
180.2621, 159.3315

 27.9609, 34.2690,  
25.7079


194.0145,  
221.3455, 198.4526

 18.4365, 23.1003,  
16.3815

236.3183,  
268.2400, 243.5043

 11.3654, 14.6676,  
9.6372

284.3635,  
321.3300, 294.9050

 6.3823, 8.5864,  
5.0566

338.5157,

 3.1217, 4.4724,

380.9998, 353.0733

2.2212

399.1400,  
447.6340, 418.4279

■ 1.2185, 1.9412,  
0.6866

■ 0.1209, 0.5730,  
0.0000

■ 74.9076, 88.0347,  
73.3660

■ 74.9076, 88.0347,  
73.3660

■ 66.6846, 84.1282,  
58.0720

■ 84.2670, 92.4761,  
91.2522

■ 59.5468, 80.7250,  
45.2444

■ 93.4773, 96.8547,  
108.3758

■ 53.4495, 77.8076,  
34.7557

■ 48.3421, 75.3529,  
26.4646

■ 44.1694, 73.3358,  
20.2146

■ 40.8704, 71.7288,  
15.8284

■ 38.3761, 70.5007,  
13.0986

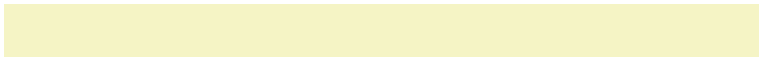
■ 36.6044, 69.6151,  
11.7662

■ 36.1097, 69.3657,  
11.4857

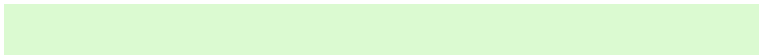
# Harmonies

## Analogous

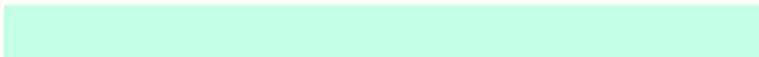
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1324, 88.0347, 65.5186



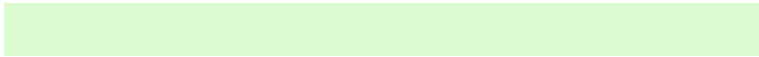
74.9076, 88.0347, 73.3660



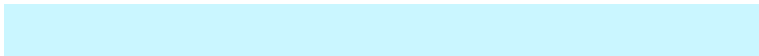
72.0985, 88.0347, 87.8717

# Triad

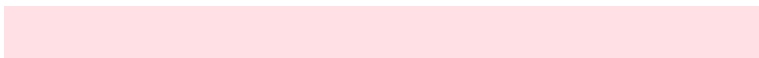
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9076, 88.0347, 73.3660



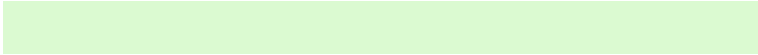
80.8384, 88.0347, 135.0494



96.2140, 88.0347, 85.9283

# Complementary

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



74.9076, 88.0347, 73.3660



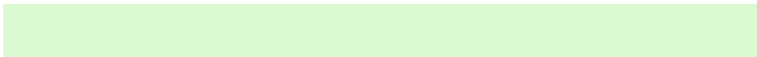
75.9946, 71.0309, 100.1521

# 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.



96.4272, 88.0347, 104.3074



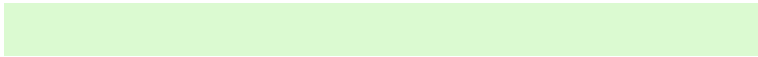
74.9076, 88.0347, 73.3660



87.3191, 88.0347, 134.3519

# Square

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



74.9076, 88.0347, 73.3660



75.4013, 88.0347, 124.3229



93.0997, 88.0347, 122.5252

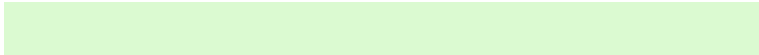


92.5314, 88.0347, 72.1025

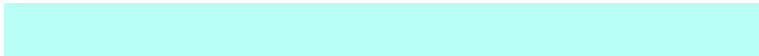


# Rectangle

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



74.9076, 88.0347, 73.3660



71.8741, 88.0347, 100.1018



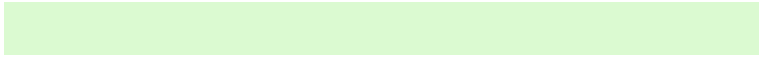
93.0997, 88.0347, 122.5252



96.7002, 88.0347, 91.7297

# Sweetspot

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



74.9100, 88.0385, 73.3679



89.6062, 97.4230, 98.2832



82.0232, 87.1044, 72.8127



19.0210, 20.7775, 20.7295



0.0000, 0.0000, 0.0000

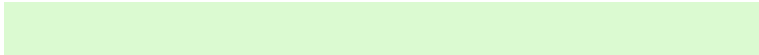


20.3446, 21.4041, 23.3091

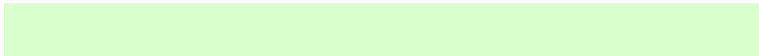


# Same Dimension

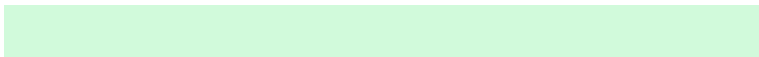
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9100, 88.0385, 73.3679



75.1072, 90.5452, 70.6451



73.3020, 87.0581, 80.1331



17.4138, 19.5136, 18.3111



19.2605, 36.8475, 6.0971



1.8752, 3.4598, 0.5690



# Inverse Universe

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



75.9946, 71.0309, 100.1521



76.4545, 69.3828, 103.9704



77.9191, 72.2037, 92.0771



17.5553, 17.2989, 21.7991



20.4259, 9.4726, 48.7254

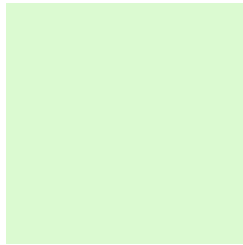


1.9869, 0.9264, 4.5173



# Previews

## White Background



This preview shows how the XYZ color 74.9076, 88.0347, 73.3660 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

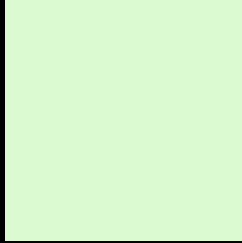
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.9076, 88.0347, 73.3660 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

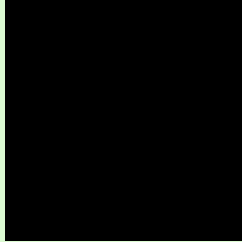
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

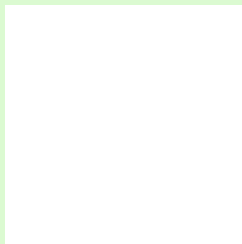
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.9076, 88.0347, 73.3660**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.9076, 88.0347, 73.3660.



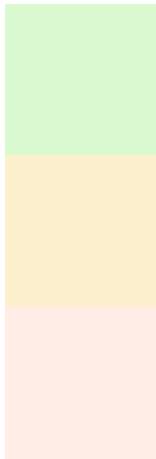
This preview shows how white text looks on a background with the XYZ color 74.9076, 88.0347,

73.3660.

# 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

74.9076, 88.0347, 73.3660

### Protanopia

82.5672, 87.5625, 69.6762

### Deuteranopia

85.8071, 87.5415, 87.2376



## Tritanopia

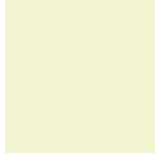
83.0808, 87.8801, 107.1915

# Trichromacy



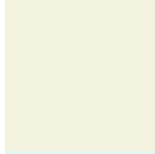
## Original Color

74.9076, 88.0347, 73.3660



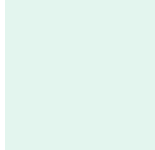
## Protanomaly

79.7669, 87.8584, 71.1467



## Deuteranomaly

81.5549, 87.6554, 81.7280



## Tritanomaly

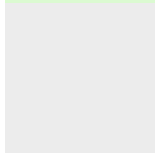
79.7636, 87.8088, 93.6337

# Monochromacy



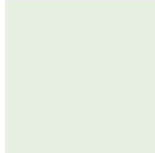
## Original Color

74.9076, 88.0347, 73.3660



## Achromatopsia

79.7278, 83.8799, 91.3452



## Achromatomaly

77.8159, 85.2246, 84.3002

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.9076, 88.0347, 73.3660 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(219, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(219, 250, 209)  
}
```

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(219, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 250, 209) }
```

## Border

The CSS property to change the border of an element to XYZ 74.9076, 88.0347, 73.3660 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(219, 250, 209) }
```



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

```
.border{ border-color:rgb(219, 250, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 250, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(219, 250,  
209) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.9076, 88.0347, 73.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 250, 209) }
```

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

```
.background{ background-color: rgb(219,  
250, 209) }
```

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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