

Converting Colors

XYZ(74.5006, 87.9225, 73.2327)

Have a look what the booklet for
XYZ(74.5006, 87.9225, 73.2327)
contains.

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Color

**XYZ(74.6077, 87.8801,
73.3519)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFAD1
RGB	218, 250, 209
RGB Percent	85%, 98%, 82%
CMY	0.1451, 0.0196, 0.1804
CMYK	0.13, 0.00, 0.16, 0.02
HSL	107°, 80%, 90%
HSV	107°, 16%, 98%
XYZ	74.6077, 87.8801, 73.3519
YIQ	235.7580, -5.9110, -19.5350

Conversions

Conversions Part 2

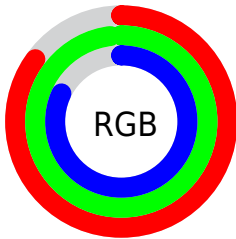
Format	Color
R _Y B	209, 250, 241
Decimal	14351057
CIE Lab	95.11, -17.69, 16.24
CIE LCh	95, 24.019, 137.446
Yxy	87.8801, 0.3163, 0.3726
Android (android.graphics.Color)	4292541137 (0xFFDAFAD1)
YUV	235.7580, -13.1917, -15.5738
Hunter-Lab	93.7444, -21.9911, 19.2286

Details

The XYZ color **74.6077, 87.8801, 73.3519** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.3349, 71.2063, 100.1680**, and the grayscale version is **79.6467, 83.7945, 91.2522**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0070, 48.2596, 37.7783** is the 20% darker color. If you saturate the color by 10%, you get **66.2567, 83.9076, 58.0519**, and if you desaturate by 10%, it is **84.1362, 92.4086, 91.2460**.

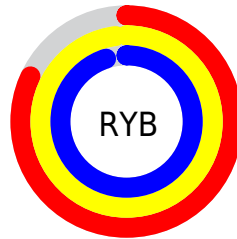
Distribution



Red (85%)

Green (98%)

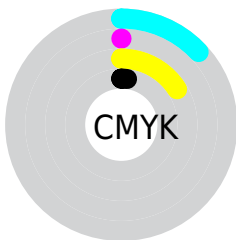
Blue (82%)



Red (82%)

Yellow (98%)

Blue (95%)

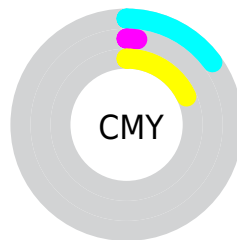


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (2%)



Cyan (15%)

Magenta (2%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6077, 87.8801, 73.3519 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 74.6077, 87.8801, 73.3519 by changing the saturation by 10% instead.


 74.6077, 87.8801,
73.3519

 74.6077, 87.8801,
73.3519


465.5861,
521.1105, 491.3370

 55.5846, 66.2238,
53.7702


124.7478,
144.3902, 125.7022

 40.1057, 48.4541,
38.0260


156.5955,
180.0128, 159.3079

 27.8055, 34.1866,
25.7009


193.4487,
221.0596, 198.4252

 18.3188, 23.0370,
16.3763

235.6729,
267.9150, 243.4729

 11.2802, 14.6208,
9.6336

283.6334,
320.9634, 294.8693

 6.3243, 8.5537,
5.0543

337.6955,

 3.0858, 4.4513,

380.5892, 353.0332

2.2198

398.2246,
447.1768, 418.3829

■ 1.1993, 1.9291,
0.6858

■ 0.1058, 0.5658,
0.0000

■ 74.6077, 87.8801,
73.3519

■ 74.6077, 87.8801,
73.3519

■ 66.2567, 83.9076,
58.0519

■ 84.1362, 92.4086,
91.2460

■ 59.0299, 80.4586,
45.2201

■ 93.4773, 96.8547,
108.3758

■ 52.8801, 77.5141,
34.7290

■ 47.7540, 75.0497,
26.4371

■ 43.5936, 73.0389,
20.1876

■ 40.3346, 71.4525,
15.8034

■ 37.9044, 70.2575,
13.0765

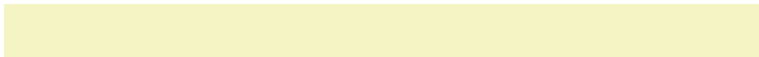
■ 36.2166, 69.4151,
11.7480

■ 35.7558, 69.1833,
11.4692

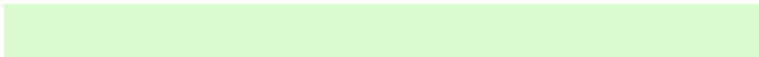
Harmonies

Analogous

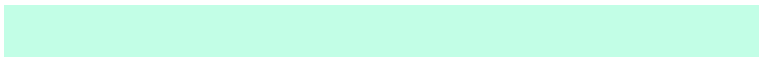
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8160, 87.8801, 65.2941



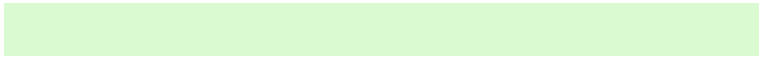
74.6077, 87.8801, 73.3519



71.8514, 87.8801, 88.0750

Triad

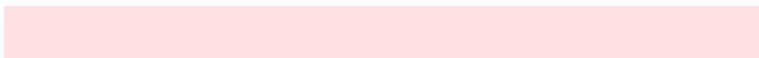
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6077, 87.8801, 73.3519



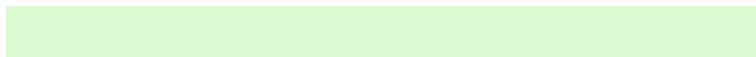
80.8256, 87.8801, 135.2920



96.0991, 87.8801, 85.2963

Complementary

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



74.6077, 87.8801, 73.3519



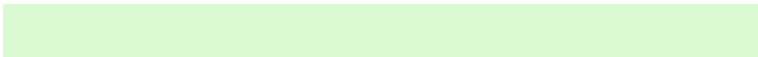
76.3349, 71.2063, 100.1680

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.



96.4043, 87.8801, 103.7243



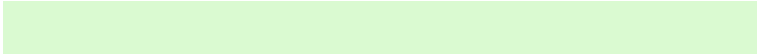
74.6077, 87.8801, 73.3519



87.3521, 87.8801, 134.2927

Square

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



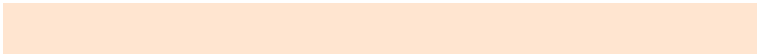
74.6077, 87.8801, 73.3519



75.3135, 87.8801, 124.7234



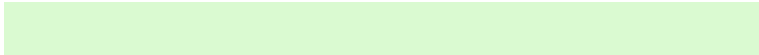
93.1311, 87.8801, 122.1487



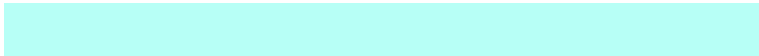
92.3178, 87.8801, 71.5470

Rectangle

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



74.6077, 87.8801, 73.3519



71.6757, 87.8801, 100.4272



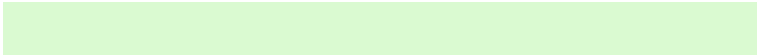
93.1311, 87.8801, 122.1487



96.6184, 87.8801, 91.0974

Sweetspot

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



74.6101, 87.8839, 73.3538



89.4977, 97.3670, 98.2781



82.2244, 87.5070, 72.8798



18.9947, 20.7639, 20.7283



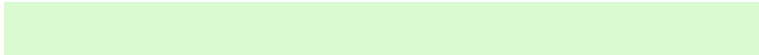
0.0000, 0.0000, 0.0000



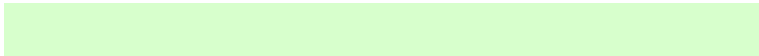
20.3446, 21.4041, 23.3091

Same Dimension

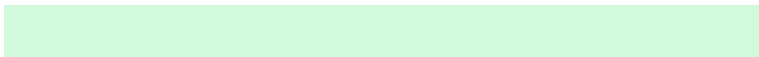
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6101, 87.8839, 73.3538



74.7402, 90.3560, 70.6280



73.3922, 87.0942, 80.6086



17.3735, 19.4928, 18.3092



19.0642, 36.7463, 6.0880



1.8519, 3.4478, 0.5679

Inverse Universe

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



76.3349, 71.2063, 100.1680



76.8840, 69.6043, 103.9905



77.8178, 72.1632, 91.5440



17.5985, 17.3211, 21.8011



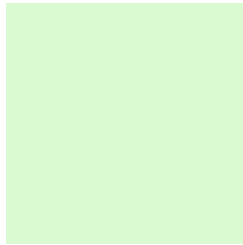
21.2365, 9.8905, 48.7633



2.0557, 0.9618, 4.5205

Previews

White Background



This preview shows how the XYZ color 74.6077, 87.8801, 73.3519 looks on a white background.

Color Contrast Check

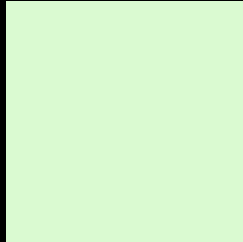
Large Text (above 18pt) WCAG AA × Fail

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 74.6077, 87.8801, 73.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

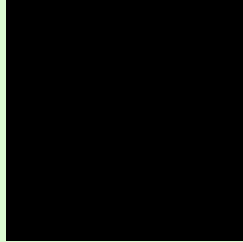
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

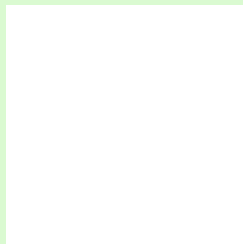
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6077, 87.8801, 73.3519

Background



This preview shows how black text looks on a background with the XYZ color 74.6077, 87.8801, 73.3519.



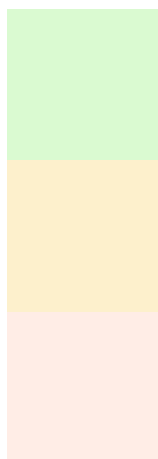
This preview shows how white text looks on a background with the XYZ color 74.6077, 87.8801,

73.3519.

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

74.6077, 87.8801, 73.3519

Protanopia

82.5672, 87.5625, 69.6762

Deuteranopia

85.8071, 87.5415, 87.2376



Tritanopia

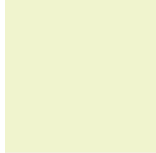
82.7571, 87.7132, 107.1763

Trichromacy



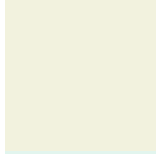
Original Color

74.6077, 87.8801, 73.3519



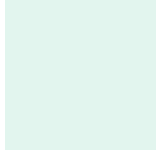
Protanomaly

79.4264, 87.6829, 71.1308



Deuteranomaly

81.5549, 87.6554, 81.7280



Tritanomaly

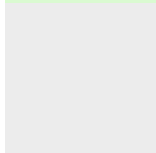
79.4491, 87.6466, 93.6190

Monochromacy



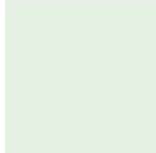
Original Color

74.6077, 87.8801, 73.3519



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.4959, 85.0596, 84.2852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6077, 87.8801, 73.3519 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(218, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 250, 209) }
```

Border

The CSS property to change the border of an element to XYZ 74.6077, 87.8801, 73.3519 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(218, 250, 209) }
```


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

```
.border{ border-color:rgb(218, 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(218, 250, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(218, 250,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6077, 87.8801, 73.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 250, 209) }
```

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

```
.background{ background-color: rgb(218,  
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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