

Converting Colors

XYZ(71.0501, 87.5801, 57.4047)

Have a look what the booklet for
XYZ(71.0501, 87.5801, 57.4047)
contains.

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Color

**XYZ(71.3003, 87.9241,
57.4691)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FDB6
RGB	214, 253, 182
RGB Percent	84%, 99%, 71%
CMY	0.1608, 0.0078, 0.2863
CMYK	0.15, 0.00, 0.28, 0.01
HSL	93°, 95%, 85%
HSV	93°, 28%, 99%
XYZ	71.3003, 87.9241, 57.4691
YIQ	233.2450, -0.4530, -30.3490

Conversions

Conversions Part 2

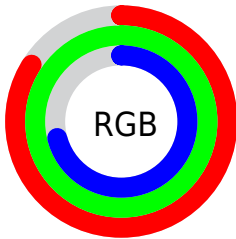
Format	Color
RYB	182, 253, 221
Decimal	14089654
CIELab	95.13, -24.69, 29.97
CIELCh	95, 38.833, 129.483
Yxy	87.9241, 0.3290, 0.4058
Android (android.graphics.Color)	4292279734 (0xFFD6FDB6)
YUV	233.2450, -25.2638, -16.8779
Hunter-Lab	93.7679, -28.3638, 29.2994

Details

The XYZ color **71.3003, 87.9241, 57.4691** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.2801, 55.9224, 100.3395**, and the grayscale version is **77.8233, 81.8762, 89.1631**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **37.8029, 48.3339, 28.1058** is the 20% darker color. If you saturate the color by 10%, you get **65.0341, 84.9717, 44.7385**, and if you desaturate by 10%, it is **78.3896, 91.2515, 72.7076**.

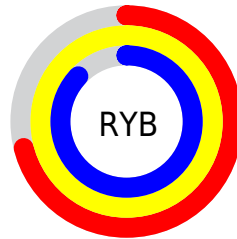
Distribution



Red (84%)

Green (99%)

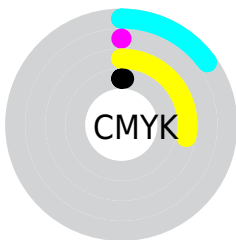
Blue (71%)



Red (71%)

Yellow (99%)

Blue (87%)

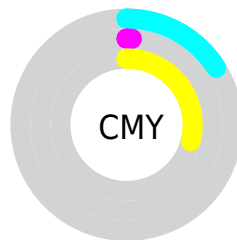


Cyan (15%)

Magenta (0%)

Yellow (28%)

Black (1%)



Cyan (16%)


Magenta (1%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3003, 87.9241, 57.4691 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 71.3003, 87.9241, 57.4691 by changing the saturation by 10% instead.

 71.3003, 87.9241,
57.4691

 71.3003, 87.9241,
57.4691


454.2980,
521.2546, 432.7476

 52.8707, 66.2602,
40.9701


 120.0774,
144.4515, 102.6565

 37.9266, 48.4837,
27.9762


151.1557,
180.0838, 132.1819

 26.1027, 34.2101,
18.0688

187.1808,
221.1410, 166.8866

 17.0336, 23.0550,
10.8295

228.5183,
268.0075, 207.1891

 10.3539, 14.6341,
5.8396

275.5334,
321.0677, 253.5079

 5.6983, 8.5630,
2.6806

328.5915,

 2.7014, 4.4573,

380.7061, 306.2616

0.9336

388.0579,
447.3069, 365.8686

0.9979, 1.9325,
0.0000

0.0000, 0.5678,
0.0000

71.3003, 87.9241,
57.4691

71.3003, 87.9241,
57.4691

65.0341, 84.9717,
44.7385

78.3896, 91.2515,
72.7076

59.5502, 82.3684,
34.3756

86.3271, 94.9563,
90.5727

54.8140, 80.1021,
26.2354

94.4171, 98.7342,
108.6890

50.7853, 78.1556,
20.1542

■ 47.4191, 76.5099,
15.9462

■ 44.6635, 75.1430,
13.3917

■ 42.4511, 74.0268,
12.1919

■ 42.0690, 73.8329,
12.0339

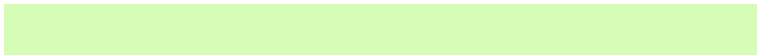
Harmonies

Analogous

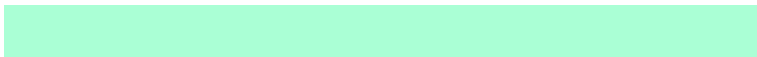
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2651, 87.9241, 49.0332



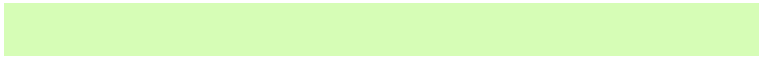
71.3003, 87.9241, 57.4691



65.9422, 87.9241, 76.7479

Triad

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



71.3003, 87.9241, 57.4691



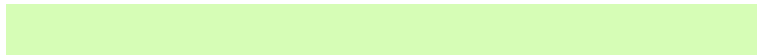
76.6461, 87.9241, 161.2546



105.2622, 87.9241, 86.4607

Complementary

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



71.3003, 87.9241, 57.4691



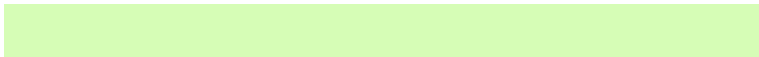
64.2801, 55.9224, 100.3395

Split Complementary

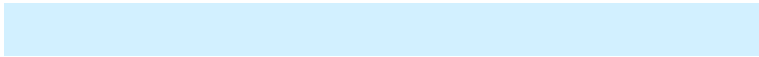
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.0869, 87.9241, 117.6193



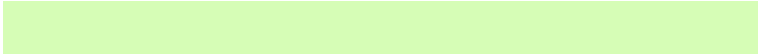
71.3003, 87.9241, 57.4691



86.9628, 87.9241, 165.3904

Square

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



71.3003, 87.9241, 57.4691



68.8432, 87.9241, 137.7216



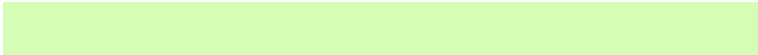
97.1705, 87.9241, 148.0553



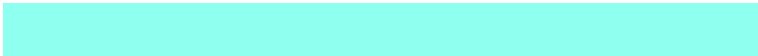
100.2583, 87.9241, 63.2869

Rectangle

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



71.3003, 87.9241, 57.4691



64.8481, 87.9241, 95.2102



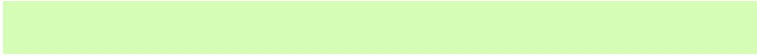
97.1705, 87.9241, 148.0553



105.5855, 87.9241, 96.2605

Sweetspot

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



71.3026, 87.9279, 57.4710



87.9342, 96.6912, 92.3233



74.5132, 75.3799, 54.8798



18.5489, 20.5689, 19.1369



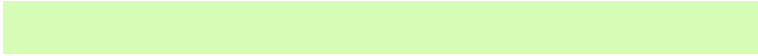
0.0000, 0.0000, 0.0000



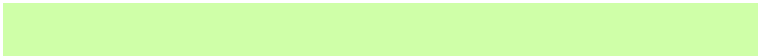
20.3446, 21.4041, 23.3091

Same Dimension

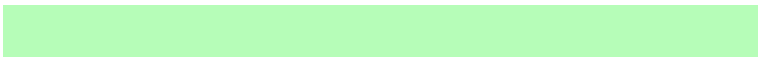
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3026, 87.9279, 57.4710



68.6921, 87.6774, 50.4955



63.1096, 83.6758, 58.3754



18.5489, 20.5689, 19.1369



22.5405, 39.3581, 6.4089



2.3184, 3.8959, 0.6298

Inverse Universe

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



64.2801, 55.9224, 100.3395



60.4057, 49.9241, 101.0603



74.5943, 61.2829, 98.8659



17.9570, 17.8696, 22.7527



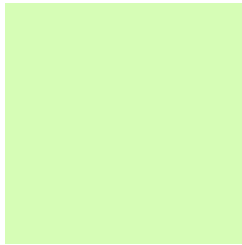
15.2645, 6.7796, 49.9387



1.6121, 0.7250, 4.8682

Previews

White Background



This preview shows how the XYZ color 71.3003, 87.9241, 57.4691 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 71.3003, 87.9241, 57.4691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

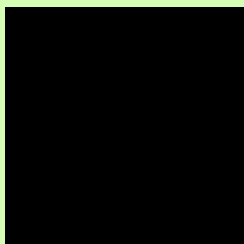
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

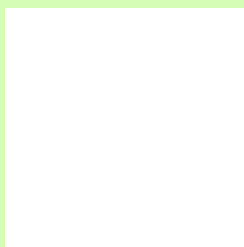
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3003, 87.9241, 57.4691

Background



This preview shows how black text looks on a background with the XYZ color 71.3003, 87.9241, 57.4691.



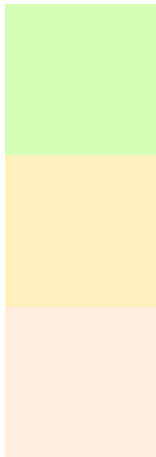
This preview shows how white text looks on a background with the XYZ color 71.3003, 87.9241,

57.4691.

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

71.3003, 87.9241, 57.4691

Protanopia

81.6944, 87.2979, 61.2596

Deuteranopia

84.9787, 87.2102, 82.8754



Tritanopia

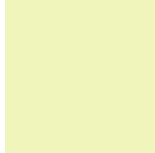
82.7571, 87.7132, 107.1763

Trichromacy



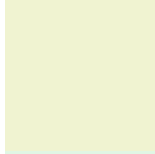
Original Color

71.3003, 87.9241, 57.4691



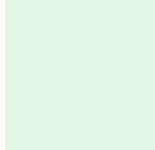
Protanomaly

77.5572, 87.4179, 59.7994



Deuteranomaly

79.4944, 87.2299, 72.9689



Tritanomaly

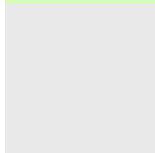
78.0107, 87.5205, 86.1803

Monochromacy



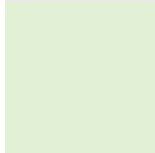
Original Color

71.3003, 87.9241, 57.4691



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.6617, 83.3440, 75.7702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3003, 87.9241, 57.4691 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(214, 253, 182)` looks like.

```
.text, #text, p{  
    color:rgb(214, 253, 182)  
}
```

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(214, 253, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 253, 182) }
```

Border

The CSS property to change the border of an element to XYZ 71.3003, 87.9241, 57.4691 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(214, 253, 182) }
```


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

```
.border{ border-color:rgb(214, 253, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 253, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 253, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 253, 182); box-shadow:4px 4px 4px 4px rgb(214, 253, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3003, 87.9241, 57.4691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 253, 182) }
```

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

```
.background{ background-color: rgb(214,  
253, 182) }
```

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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