

Converting Colors

XYZ(74.3275, 90.3906, 59.4306)

Have a look what the booklet for
XYZ(74.3275, 90.3906, 59.4306)
contains.

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Color

**XYZ(74.3357, 90.3949,
59.4290)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFB9
RGB	221, 255, 185
RGB Percent	87%, 100%, 73%
CMY	0.1333, 0.0000, 0.2745
CMYK	0.13, 0.00, 0.27, 0.00
HSL	89°, 100%, 86%
HSV	89°, 27%, 100%
XYZ	74.3357, 90.3949, 59.4290
YIQ	236.8540, 2.2060, -28.9780

Conversions

Conversions Part 2

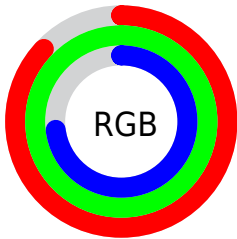
Format	Color
RYB	185, 255, 219
Decimal	14548921
CIELab	96.16, -22.78, 29.93
CIELCh	96, 37.615, 127.272
Yxy	90.3949, 0.3316, 0.4033
Android (android.graphics.Color)	4292739001 (0xFFDDFFB9)
YUV	236.8540, -25.5640, -13.9040
Hunter-Lab	95.0762, -26.8225, 29.4932

Details

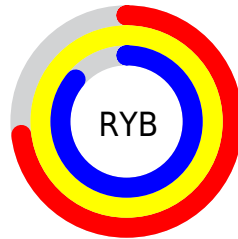
The XYZ color **74.3357, 90.3949, 59.4290** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.6134, 56.9793, 102.2003**, and the grayscale version is **80.5726, 84.7687, 92.3131**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **39.8079, 50.0262, 29.0307** is the 20% darker color. If you saturate the color by 10%, you get **68.2473, 87.5398, 46.3298**, and if you desaturate by 10%, it is **81.1862, 93.5870, 75.0866**.

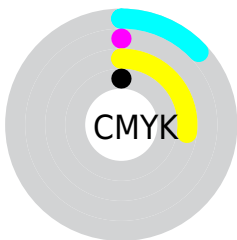
Distribution



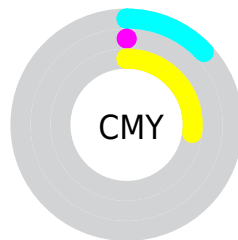
- Red (87%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (86%)



- Cyan (13%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3357, 90.3949, 59.4290 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 74.3357, 90.3949, 59.4290 by changing the saturation by 10% instead.


 74.3357, 90.3949,
59.4290

 74.3357, 90.3949,
59.4290


464.6636,
529.3146, 440.2359

 55.3611, 68.3082,
42.5363


 124.3645,
147.8868, 105.5362

 39.9259, 50.1485,
29.1927


156.1494,
184.0608, 135.5877

 27.6647, 35.5314,
18.9798

192.9352,
225.6994, 170.8625

 18.2122, 24.0725,
11.4790

235.0871,
273.1869, 211.7793

 11.2031, 15.3874,
6.2718

282.9705,
326.9078, 258.7565

 6.2719, 9.0917,
2.9396

336.9509,

 3.0533, 4.8011,

387.2465, 312.2126

1.0639

397.3934,
454.5873, 372.5662

■ 1.1820, 2.1310,
0.0000

■ 0.0921, 0.6820,
0.0000

■ 74.3357, 90.3949,
59.4290

■ 74.3357, 90.3949,
59.4290

■ 68.2473, 87.5398,
46.3298

■ 81.1862, 93.5870,
75.0866

■ 62.8877, 85.0078,
35.6487

■ 88.8269, 97.1280,
93.4246

■ 58.2231, 82.7844,
27.2383

95.0500, 100.0000,
108.9000

■ 54.2157, 80.8539,
20.9330

■ 50.8233, 79.1986,
16.5451

■ 47.9969, 77.7983,
13.8535

■ 45.6749, 76.6272,
12.5699

■ 45.1419, 76.3565,
12.3591

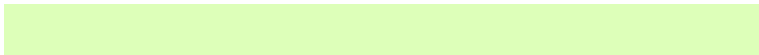
Harmonies

Analogous

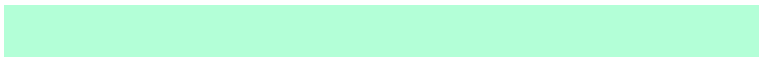
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.4040, 90.3949, 51.7372



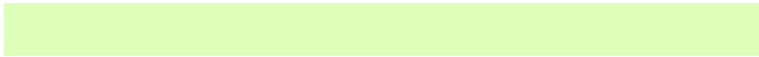
74.3357, 90.3949, 59.4290



68.7158, 90.3949, 77.8601

Triad

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



74.3357, 90.3949, 59.4290



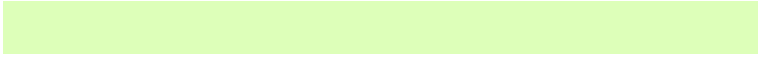
78.3999, 90.3949, 161.4732



107.3860, 90.3949, 91.3319

Complementary

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



74.3357, 90.3949, 59.4290



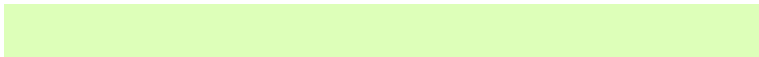
64.6134, 56.9793, 102.2003

Split Complementary

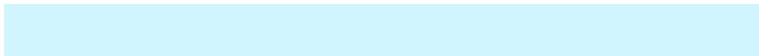
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.7744, 90.3949, 122.3246



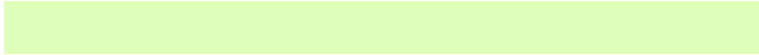
74.3357, 90.3949, 59.4290



88.4813, 90.3949, 167.0984

Square

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



74.3357, 90.3949, 59.4290



70.9264, 90.3949, 137.4660



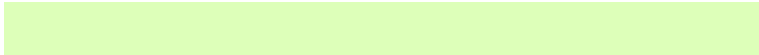
98.6441, 90.3949, 151.5698



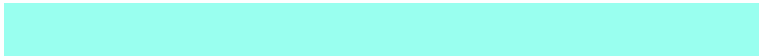
102.8851, 90.3949, 67.5782

Rectangle

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



74.3357, 90.3949, 59.4290



67.4021, 90.3949, 95.7164



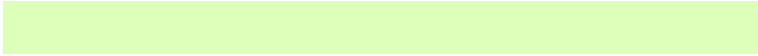
98.6441, 90.3949, 151.5698



107.5469, 90.3949, 101.1836

Sweetspot

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



74.3362, 90.3951, 59.4303



88.3857, 96.9240, 92.3444



75.2856, 75.3396, 56.4743



18.6625, 20.6274, 19.1422



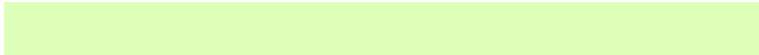
0.0000, 0.0000, 0.0000



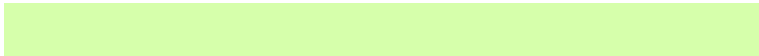
20.3446, 21.4041, 23.3091

Same Dimension

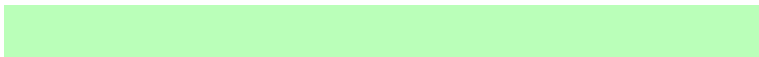
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3362, 90.3951, 59.4303



70.8649, 88.7697, 51.8525



64.8080, 85.4832, 58.9844



18.6625, 20.6274, 19.1422



23.7608, 39.9872, 6.4660



2.4397, 3.9585, 0.6355

Inverse Universe

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



64.6134, 56.9793, 102.2003



59.6563, 50.2452, 101.1618



76.2116, 62.9583, 102.7431



17.8429, 17.8107, 22.7473



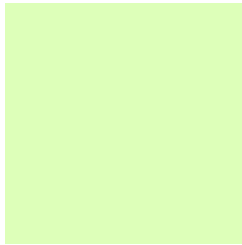
13.9350, 6.0943, 49.8764



1.4823, 0.6581, 4.8622

Previews

White Background



This preview shows how the XYZ color 74.3357, 90.3949, 59.4290 looks on a white background.

Color Contrast Check

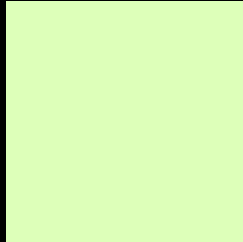
Large Text (above 18pt) WCAG AA × Fail

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 74.3357, 90.3949, 59.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

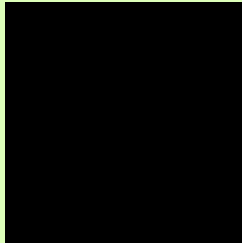
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

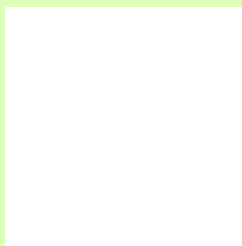
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3357, 90.3949, 59.4290

Background



This preview shows how black text looks on a background with the XYZ color 74.3357, 90.3949, 59.4290.

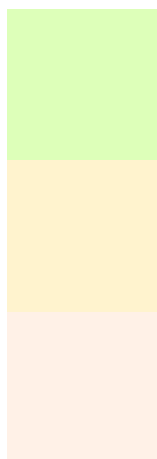


This preview shows how white text looks on a background with the XYZ color 74.3357, 90.3949,

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

74.3357, 90.3949, 59.4290

Protanopia

84.4312, 89.8174, 71.2790

Deuteranopia

87.1191, 89.9401, 88.3698



Tritanopia

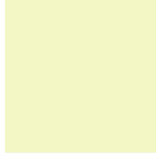
85.6606, 90.0985, 107.4837

Trichromacy



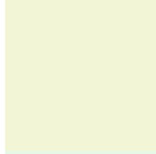
Original Color

74.3357, 90.3949, 59.4290



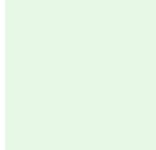
Protanomaly

80.4160, 89.6534, 66.4925



Deuteranomaly

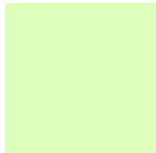
82.0555, 89.8213, 76.6308



Tritanomaly

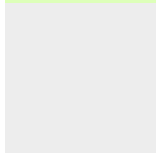
81.1290, 90.0038, 87.9594

Monochromacy



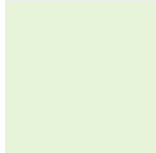
Original Color

74.3357, 90.3949, 59.4290



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

77.9606, 86.7522, 78.9656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3357, 90.3949, 59.4290 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(221, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 185)  
}
```

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(221, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 185) }
```

Border

The CSS property to change the border of an element to XYZ 74.3357, 90.3949, 59.4290 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(221, 255, 185) }
```


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

```
.border{ border-color:rgb(221, 255, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 255, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 255, 185); box-shadow:4px 4px 4px 4px rgb(221, 255, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3357, 90.3949, 59.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 185) }
```

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

```
.background{ background-color: rgb(221,  
255, 185) }
```

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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