

Converting Colors

XYZ(73.2749, 90.0440, 50.5280)

Have a look what the booklet for
XYZ(73.2749, 90.0440, 50.5280)
contains.

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Color

**XYZ(73.2593, 90.0351,
50.5631)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFFA8
RGB	223, 255, 168
RGB Percent	87%, 100%, 66%
CMY	0.1255, 0.0000, 0.3412
CMYK	0.13, 0.00, 0.34, 0.00
HSL	82°, 100%, 83%
HSV	82°, 34%, 100%
XYZ	73.2593, 90.0351, 50.5631
YIQ	235.5140, 8.8550, -33.8410

Conversions

Conversions Part 2

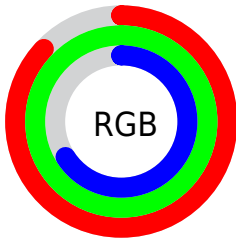
Format	Color
RYB	168, 255, 200
Decimal	14679976
CIELab	96.01, -24.37, 38.25
CIELCh	96, 45.351, 122.507
Yxy	90.0351, 0.3426, 0.4210
Android (android.graphics.Color)	4292870056 (0xFFDFFFA8)
YUV	235.5140, -33.2844, -10.9748
Hunter-Lab	94.8868, -28.2374, 34.8264

Details

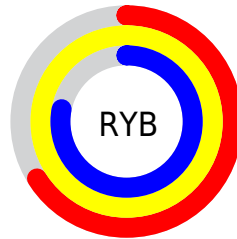
The XYZ color **73.2593, 90.0351, 50.5631** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **55.8731, 47.5059, 100.8325**, and the grayscale version is **79.5981, 83.7434, 91.1966**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **39.2249, 49.8415, 23.7726** is the 20% darker color. If you saturate the color by 10%, you get **68.3014, 87.7273, 39.1227**, and if you desaturate by 10%, it is **78.8440, 92.6122, 64.4669**.

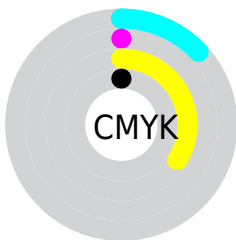
Distribution



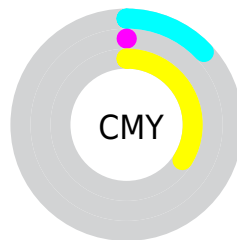
- Red (87%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2593, 90.0351, 50.5631 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 73.2593, 90.0351, 50.5631 by changing the saturation by 10% instead.


 73.2593, 90.0351,
50.5631

 73.2593, 90.0351,
50.5631


461.0029,
528.1450, 405.6619

 54.4771, 68.0098,
35.4867


 122.8464,
147.3871, 92.4135

 39.2154, 49.9057,
23.7515


154.3821,
183.4826, 120.0246

 27.1089, 35.3385,
14.9389


190.8996,
225.0370, 152.6510

 17.7920, 23.9237,
8.6304

232.7644,
272.4345, 190.7113

 10.8995, 15.2770,
4.4074

280.3417,
326.0597, 234.6240

 6.0661, 9.0140,
1.8514

333.9970,

 2.9264, 4.7503,

386.2969, 284.8077

0.4615

394.0956,
453.5306, 341.6808

■ 1.1149, 2.1015,
0.0000

■ 0.0376, 0.6655,
0.0000

■ 73.2593, 90.0351,
50.5631

■ 73.2593, 90.0351,
50.5631

■ 68.3014, 87.7273,
39.1227

■ 78.8440, 92.6122,
64.4669

■ 63.9391, 85.6759,
29.9976

■ 85.0819, 95.4693,
80.9627

■ 60.1401, 83.8678,
23.0300

■ 91.9993, 98.6173,
100.1747

■ 56.8677, 82.2878,
18.0405

95.0500, 100.0000,
108.9000

■ 54.0794, 80.9188,
14.8212

■ 51.7243, 79.7399,
13.1172

■ 50.4994, 79.1184,
12.6098

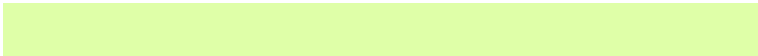
Harmonies

Analogous

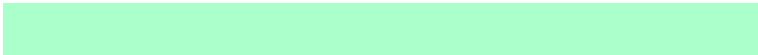
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5250, 90.0351, 43.9570



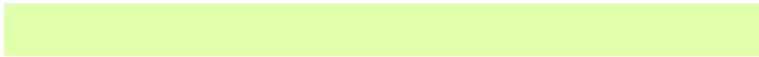
73.2593, 90.0351, 50.5631



65.9170, 90.0351, 69.4822

Triad

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



73.2593, 90.0351, 50.5631



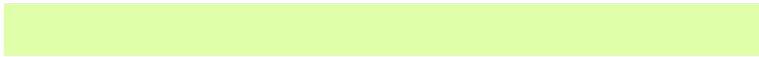
74.9191, 90.0351, 172.9451



111.9990, 90.0351, 95.0425

Complementary

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



73.2593, 90.0351, 50.5631



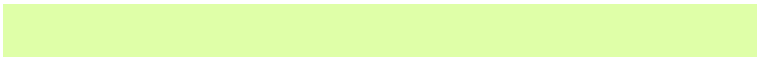
55.8731, 47.5059, 100.8325

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.



108.7992, 90.0351, 133.4960



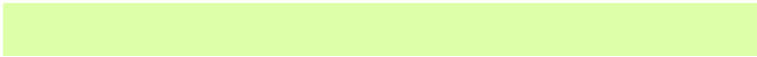
73.2593, 90.0351, 50.5631



86.6350, 90.0351, 184.4831

Square

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



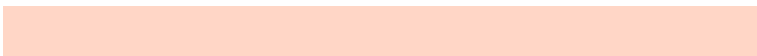
73.2593, 90.0351, 50.5631



66.8074, 90.0351, 140.0291



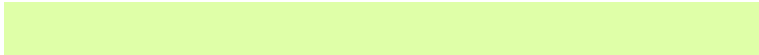
99.2004, 90.0351, 168.5712



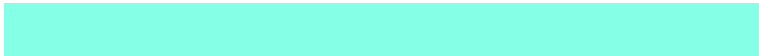
107.5658, 90.0351, 65.4046

Rectangle

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



73.2593, 90.0351, 50.5631



63.8242, 90.0351, 89.3001



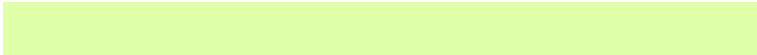
99.2004, 90.0351, 168.5712



111.7805, 90.0351, 107.3173

Sweetspot

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



73.2597, 90.0353, 50.5644



87.8459, 96.7294, 88.5360



68.9396, 65.3503, 46.0274



18.5979, 20.6108, 18.3858



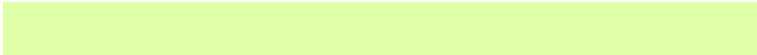
0.0000, 0.0000, 0.0000



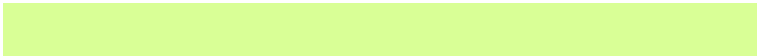
20.3446, 21.4041, 23.3091

Same Dimension

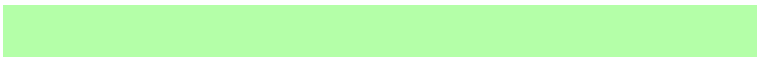
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2597, 90.0353, 50.5644



69.7813, 88.4185, 42.4331



61.5580, 84.0029, 50.0168



18.8755, 20.7373, 19.1522



26.5571, 41.4288, 6.5968



2.7062, 4.0958, 0.6479

Inverse Universe

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



55.8731, 47.5059, 100.8325



49.9912, 39.9834, 99.6905



69.1536, 54.3522, 101.4540



17.6339, 17.7030, 22.7376



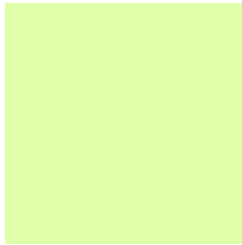
11.9823, 5.0876, 49.7850



1.2820, 0.5548, 4.8528

Previews

White Background



This preview shows how the XYZ color 73.2593, 90.0351, 50.5631 looks on a white background.

Color Contrast Check

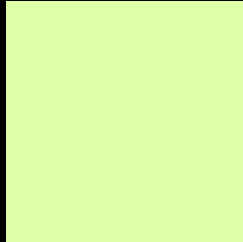
Large Text (above 18pt) WCAG AA × Fail

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 73.2593, 90.0351, 50.5631 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 73.2593, 90.0351, 50.5631

Background



This preview shows how black text looks on a background with the XYZ color 73.2593, 90.0351, 50.5631.

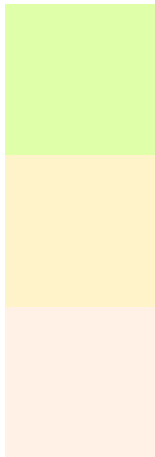


This preview shows how white text looks on a background with the XYZ color 73.2593, 90.0351,

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

73.2593, 90.0351, 50.5631

Protanopia

83.9513, 89.6255, 68.7519

Deuteranopia

86.8382, 89.8277, 86.8904

Tritanopia

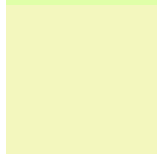
85.6972, 89.6719, 107.3994

Trichromacy



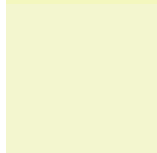
Original Color

73.2593, 90.0351, 50.5631



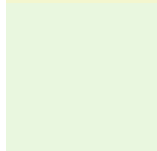
Protanomaly

79.5172, 89.2939, 61.7596



Deuteranomaly

81.1804, 89.4712, 72.0225



Tritanomaly

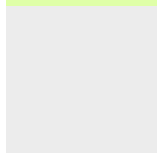
80.1843, 89.1729, 82.7980

Monochromacy



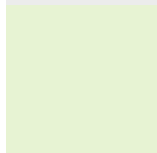
Original Color

73.2593, 90.0351, 50.5631



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

76.7635, 85.7933, 74.1419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2593, 90.0351, 50.5631 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(223, 255, 168)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 168)  
}
```

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(223, 255, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 168) }
```

Border

The CSS property to change the border of an element to XYZ 73.2593, 90.0351, 50.5631 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(223, 255, 168) }
```


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

```
.border{ border-color:rgb(223, 255, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 168);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2593, 90.0351, 50.5631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 168) }
```

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

```
.background{ background-color: rgb(223,  
255, 168) }
```

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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