

Converting Colors

XYZ(125.7402, 195.0007,
61.4070)

Have a look what the booklet for
XYZ(125.7402, 195.0007, 61.4070)
contains.

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Color

**XYZ(73.2713, 90.1840,
44.1173)**

Conversions

Conversions Part 1

Format	Color
Hex	E3FF9A
RGB	227, 255, 154
RGB Percent	89%, 100%, 60%
CMY	0.1098, 0.0000, 0.3961
CMYK	0.11, 0.00, 0.40, 0.00
HSL	77°, 100%, 80%
HSV	77°, 40%, 100%
XYZ	73.2713, 90.1840, 44.1173
YIQ	235.1140, 15.7330, -37.3470

Conversions

Conversions Part 2

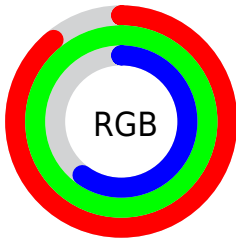
Format	Color
RYB	154, 255, 182
Decimal	14942106
CIELab	96.07, -24.61, 45.23
CIELCh	96, 51.497, 118.551
Yxy	90.1840, 0.3530, 0.4345
Android (android.graphics.Color)	4293132186 (0xFFE3FF9A)
YUV	235.1140, -39.9892, -7.1160
Hunter-Lab	94.9653, -28.4659, 38.9318

Details

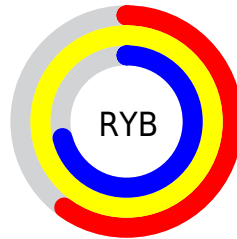
The XYZ color **73.2713, 90.1840, 44.1173** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **48.8981, 40.2776, 99.8049**, and the grayscale version is **79.3384, 83.4701, 90.8990**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **39.1206, 49.8738, 19.8767** is the 20% darker color. If you saturate the color by 10%, you get **69.1837, 88.2966, 33.9926**, and if you desaturate by 10%, it is **77.9022, 92.2993, 56.6246**.

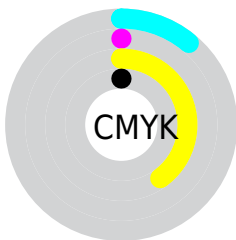
Distribution



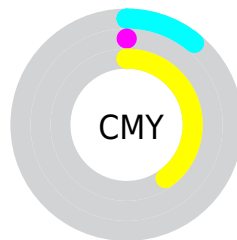
- Red (89%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2713, 90.1840, 44.1173 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 73.2713, 90.1840, 44.1173 by changing the saturation by 10% instead.


 73.2713, 90.1840,
44.1173


 73.2713, 90.1840,
44.1173


461.0438,
528.6292, 379.2421

 54.4870, 68.1333,
30.4249


 122.8633,
147.5940, 82.6986

 39.2234, 50.0062,
19.9065


 154.4018,
183.7220, 108.4245

 27.1150, 35.4183,
12.1437


190.9223,
225.3112, 138.9987

 17.7967, 23.9853,
6.7179

232.7903,
272.7460, 174.8396

 10.9029, 15.3227,
3.2105

280.3711,
326.4108, 216.3659

 6.0684, 9.0462,
1.2031

334.0300,

 2.9278, 4.7713,

386.6900, 263.9960

0.0000

394.1325,
453.9680, 318.1486

■ 1.1157, 2.1137,
0.0000

■ 0.0382, 0.6723,
0.0000

■ 73.2713, 90.1840,
44.1173

■ 73.2713, 90.1840,
44.1173

■ 69.1837, 88.2966,
33.9926

■ 77.9022, 92.2993,
56.6246

■ 65.6087, 86.6247,
26.0950

■ 83.1029, 94.6532,
71.6493

■ 62.5132, 85.1550,
20.2564

■ 88.8991, 97.2561,
89.3205

■ 59.8595, 83.8721,
16.2832

95.0500, 100.0000,
108.9000

■ 57.6025, 82.7581,
13.9449

■ 55.6727, 81.7847,
12.8806

■ 55.6004, 81.7481,
12.8485

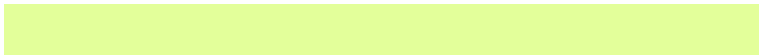
Harmonies

Analogous

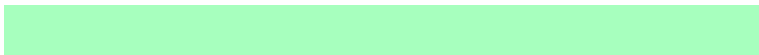
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4120, 90.1840, 38.7637



73.2713, 90.1840, 44.1173



64.3931, 90.1840, 62.6656

Triad

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



73.2713, 90.1840, 44.1173



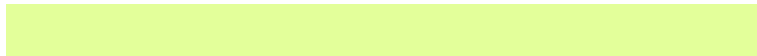
72.1955, 90.1840, 181.5543



116.1459, 90.1840, 100.1931

Complementary

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



73.2713, 90.1840, 44.1173



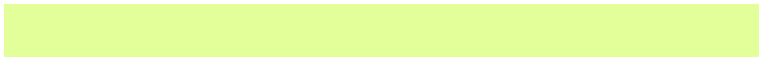
48.8981, 40.2776, 99.8049

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.



111.2950, 90.1840, 145.1155



73.2713, 90.1840, 44.1173



85.0261, 90.1840, 199.4466

Square

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



73.2713, 90.1840, 44.1173



63.8221, 90.1840, 140.7011



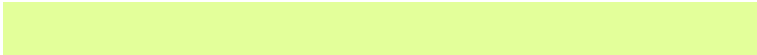
99.4982, 90.1840, 184.5605



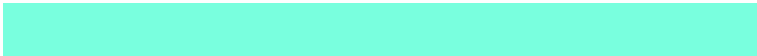
112.1218, 90.1840, 65.2483

Rectangle

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



73.2713, 90.1840, 44.1173



61.5588, 90.1840, 83.4217



99.4982, 90.1840, 184.5605



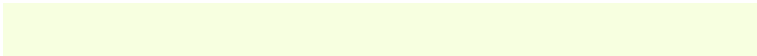
115.4900, 90.1840, 114.6171

Sweetspot

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



73.2716, 90.1841, 44.1186



87.4564, 96.6099, 84.8439



63.5837, 56.6147, 38.1496



18.5539, 20.6043, 17.6513



0.0000, 0.0000, 0.0000



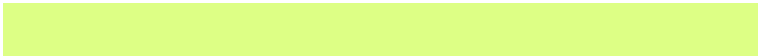
20.3446, 21.4041, 23.3091

Same Dimension

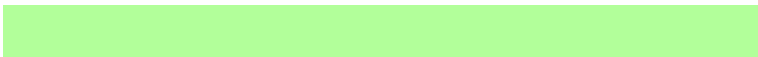
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2716, 90.1841, 44.1186



69.8051, 88.5850, 35.4652



59.8543, 83.2672, 43.4907



19.0414, 20.8228, 19.1599



29.2045, 42.7936, 6.7207



2.9495, 4.2213, 0.6593

Inverse Universe

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



48.8981, 40.2776, 99.8049



42.2208, 32.0505, 98.5688



62.7013, 47.3934, 100.4509



17.4756, 17.6214, 22.7302



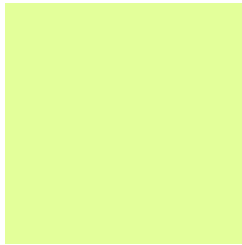
10.9008, 4.5301, 49.7344



1.1617, 0.4928, 4.8472

Previews

White Background



This preview shows how the XYZ color 73.2713, 90.1840, 44.1173 looks on a white background.

Color Contrast Check

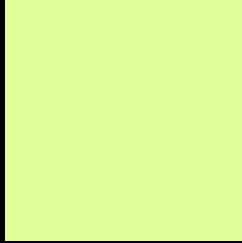
Large Text (above 18pt) WCAG AA × Fail

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 73.2713, 90.1840, 44.1173 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

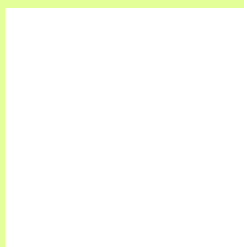
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2713, 90.1840, 44.1173

Background



This preview shows how black text looks on a background with the XYZ color 73.2713, 90.1840, 44.1173.

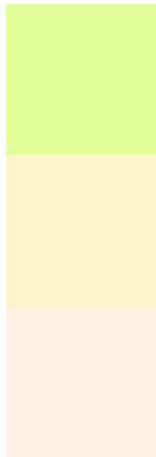


This preview shows how white text looks on a background with the XYZ color 73.2713, 90.1840,

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

73.2713, 90.1840, 44.1173

Protanopia

83.9513, 89.6255, 68.7519

Deuteranopia

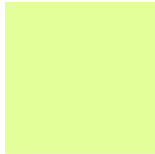
86.6989, 89.7720, 86.1570



Tritanopia

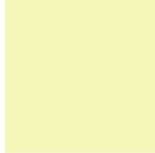
86.7185, 90.1984, 107.4472

Trichromacy



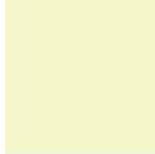
Original Color

73.2713, 90.1840, 44.1173



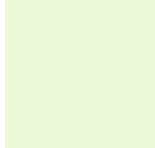
Protanomaly

79.6739, 89.4368, 58.9627



Deuteranomaly

81.1546, 89.5411, 68.2642



Tritanomaly

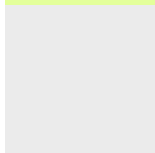
80.8407, 89.5880, 79.3611

Monochromacy



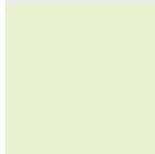
Original Color

73.2713, 90.1840, 44.1173



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.1714, 85.1163, 70.8069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2713, 90.1840, 44.1173 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(227, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 154)  
}
```

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(227, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 154) }
```

Border

The CSS property to change the border of an element to XYZ 73.2713, 90.1840, 44.1173 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(227, 255, 154) }
```


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

```
.border{ border-color:rgb(227, 255, 154) }
```

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

Here you see how a box with a 4 pixel rgb(227, 255, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2713, 90.1840, 44.1173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 154) }
```

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

```
.background{ background-color: rgb(227,  
255, 154) }
```

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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