

Converting Colors

XYZ(94.3448, 133.6756,
61.2932)

Have a look what the booklet for
XYZ(94.3448, 133.6756, 61.2932)
contains.

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Color

**XYZ(72.1131, 89.3669,
54.0062)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FFAF
RGB	217, 255, 175
RGB Percent	85%, 100%, 69%
CMY	0.1490, 0.0000, 0.3137
CMYK	0.15, 0.00, 0.31, 0.00
HSL	89°, 100%, 84%
HSV	89°, 31%, 100%
XYZ	72.1131, 89.3669, 54.0062
YIQ	234.5180, 3.0320, -32.9360

Conversions

Conversions Part 2

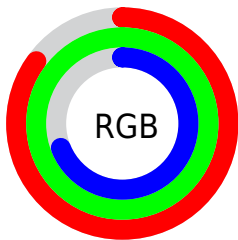
Format	Color
RYB	175, 255, 213
Decimal	14286767
CIELab	95.73, -25.58, 34.33
CIELCh	96, 42.810, 126.690
Yxy	89.3669, 0.3347, 0.4147
Android (android.graphics.Color)	4292476847 (0xFFD9FFAF)
YUV	234.5180, -29.3424, -15.3633
Hunter-Lab	94.5341, -29.2701, 32.3022

Details

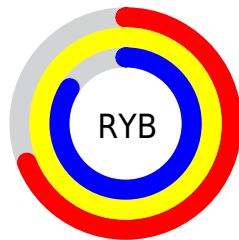
The XYZ color **72.1131, 89.3669, 54.0062** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **60.8217, 52.0274, 101.4444**, and the grayscale version is **78.8128, 82.9172, 90.2969**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **38.4049, 49.3704, 25.9176** is the 20% darker color. If you saturate the color by 10%, you get **66.3709, 86.6692, 41.8753**, and if you desaturate by 10%, it is **78.5934, 92.3903, 68.6428**.

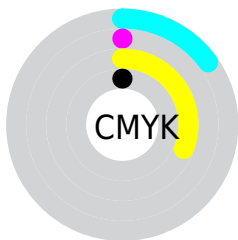
Distribution



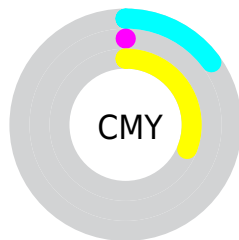
- Red (85%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1131, 89.3669, 54.0062 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 72.1131, 89.3669, 54.0062 by changing the saturation by 10% instead.


 72.1131, 89.3669,
54.0062

 72.1131, 89.3669,
54.0062


457.0867,
525.9692, 419.3089

 53.5369, 67.4557,
38.2134


 121.2272,
146.4587, 97.5398

 38.4607, 49.4550,
25.8452


152.4959,
182.4080, 126.1178

 26.5193, 34.9806,
16.4832


188.7260,
223.8055, 159.7945

 17.3472, 23.6479,
9.7087

230.2830,
271.0356, 198.9886

 10.5792, 15.0726,
5.1032

277.5322,
324.4826, 244.1185

 5.8498, 8.8704,
2.2481

330.8390,

 2.7938, 4.6567,

384.5309, 295.6028

0.7019

390.5687,
451.5650, 353.8601

■ 1.0457, 2.0473,
0.0000

■ 0.0000, 0.6347,
0.0000

■ 72.1131, 89.3669,
54.0062

■ 72.1131, 89.3669,
54.0062

■ 66.3709, 86.6692,
41.8753

■ 78.5934, 92.3903,
68.6428

■ 61.3332, 84.2832,
32.1053

■ 85.8406, 95.7517,
85.9109

■ 56.9653, 82.1943,
24.5428

■ 93.8833, 99.4630,
105.9327

■ 53.2283, 80.3863,
19.0145

■ 95.0500, 100.0000,
108.9000

■ 50.0782, 78.8409,
15.3212

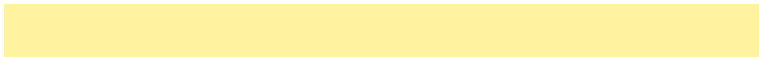
■ 47.4631, 77.5364,
13.2236

■ 45.5712, 76.5778,
12.3792

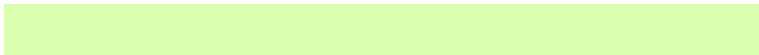
Harmonies

Analogous

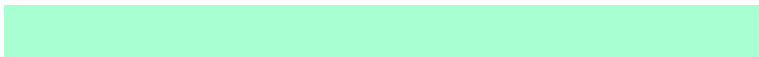
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3290, 89.3669, 46.0508



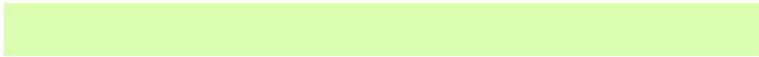
72.1131, 89.3669, 54.0062



65.7906, 89.3669, 73.8270

Triad

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



72.1131, 89.3669, 54.0062



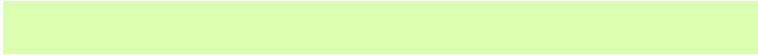
76.2891, 89.3669, 169.8659



109.4816, 89.3669, 89.9421

Complementary

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



72.1131, 89.3669, 54.0062



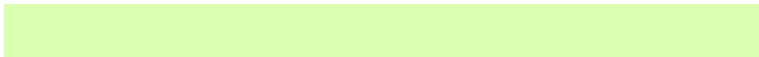
60.8217, 52.0274, 101.4444

Split Complementary

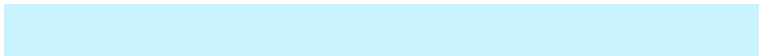
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



107.4868, 89.3669, 125.2981



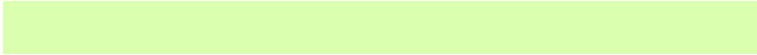
72.1131, 89.3669, 54.0062



87.6068, 89.3669, 176.9996

Square

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



72.1131, 89.3669, 54.0062



68.0413, 89.3669, 141.4382



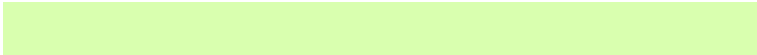
99.2055, 89.3669, 159.1431



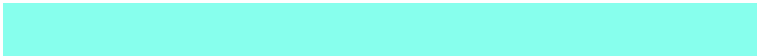
104.4291, 89.3669, 63.4649

Rectangle

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



72.1131, 89.3669, 54.0062



64.2749, 89.3669, 93.6078



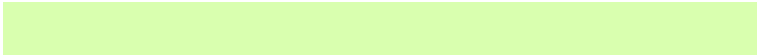
99.2055, 89.3669, 159.1431



109.6195, 89.3669, 101.0990

Sweetspot

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



72.1135, 89.3670, 54.0075



87.6750, 96.5998, 90.4058



72.6053, 71.6097, 50.5541



18.5240, 20.5645, 18.7564



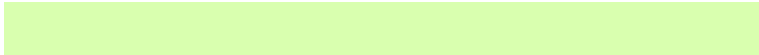
0.0000, 0.0000, 0.0000



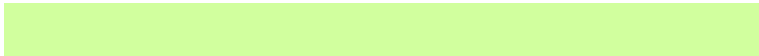
20.3446, 21.4041, 23.3091

Same Dimension

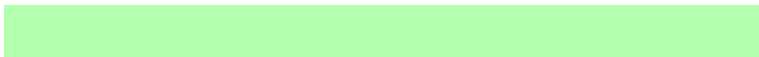
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1135, 89.3670, 54.0075



68.2266, 87.5432, 45.6945



61.7824, 84.0411, 53.5240



18.6817, 20.6374, 19.1431



23.9857, 40.1032, 6.4765



2.4616, 3.9698, 0.6365

Inverse Universe

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



60.8217, 52.0274, 101.4444



55.2310, 44.5634, 100.2983



73.6462, 58.6387, 102.0446



17.8238, 17.8009, 22.7464



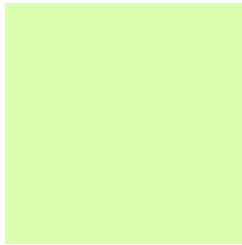
13.7307, 5.9889, 49.8669



1.4620, 0.6476, 4.8612

Previews

White Background



This preview shows how the XYZ color 72.1131, 89.3669, 54.0062 looks on a white background.

Color Contrast Check

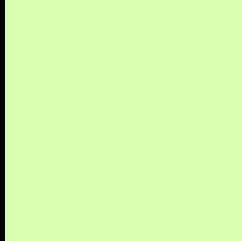
Large Text (above 18pt) WCAG AA × Fail

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 72.1131, 89.3669, 54.0062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

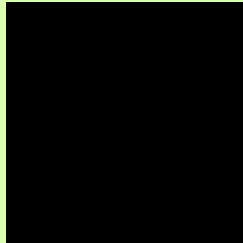
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

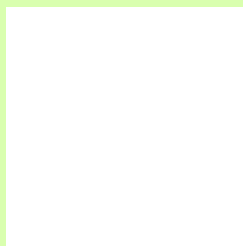
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1131, 89.3669, 54.0062

Background



This preview shows how black text looks on a background with the XYZ color 72.1131, 89.3669, 54.0062.

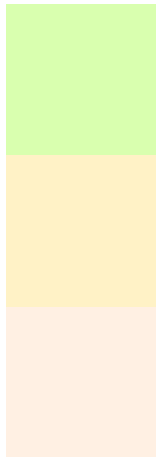


This preview shows how white text looks on a background with the XYZ color 72.1131, 89.3669,

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

72.1131, 89.3669, 54.0062

Protanopia

83.1852, 88.8415, 66.1899

Deuteranopia

86.2652, 89.1262, 85.3295



Tritanopia

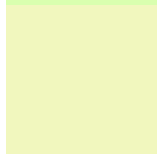
84.3615, 88.9834, 107.3369

Trichromacy



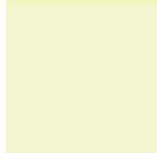
Original Color

72.1131, 89.3669, 54.0062



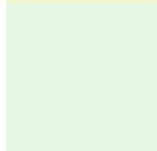
Protanomaly

78.8307, 88.9400, 61.7275



Deuteranomaly

80.3132, 88.5597, 72.5353



Tritanomaly

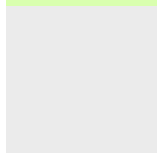
78.9831, 88.5065, 84.8721

Monochromacy



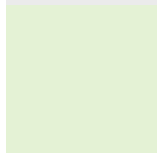
Original Color

72.1131, 89.3669, 54.0062



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

75.7573, 84.8023, 75.3264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1131, 89.3669, 54.0062 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(217, 255, 175)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 175)  
}
```

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(217, 255, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 175) }
```

Border

The CSS property to change the border of an element to XYZ 72.1131, 89.3669, 54.0062 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(217, 255, 175) }
```


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

```
.border{ border-color:rgb(217, 255, 175) }
```

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

Here you see how a box with a 4 pixel rgb(217, 255, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 175);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1131, 89.3669, 54.0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 175) }
```

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

```
.background{ background-color: rgb(217,  
255, 175) }
```

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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