

Converting Colors

XYZ(57.1072, 71.3469, 34.0540)

Have a look what the booklet for
XYZ(57.1072, 71.3469, 34.0540)
contains.

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Color

**XYZ(57.1072, 71.3469,
34.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E788
RGB	201, 231, 136
RGB Percent	79%, 91%, 53%
CMY	0.2118, 0.0941, 0.4667
CMYK	0.13, 0.00, 0.41, 0.09
HSL	79°, 66%, 72%
HSV	79°, 41%, 91%
XYZ	57.1072, 71.3469, 34.0540
YIQ	211.2000, 12.6150, -35.9050

Conversions

Conversions Part 2

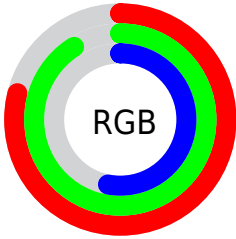
Format	Color
RYB	136, 231, 166
Decimal	13232008
CIELab	87.65, -24.87, 42.95
CIELCh	88, 49.635, 120.071
Yxy	71.3469, 0.3514, 0.4390
Android (android.graphics.Color)	4291422088 (0xFFC9E788)
YUV	211.2000, -37.0736, -8.9454
Hunter-Lab	84.4671, -27.1357, 35.2234

Details

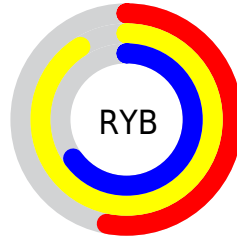
The XYZ color **57.1072, 71.3469, 34.0540** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **38.9567, 31.4868, 79.6297**, and the grayscale version is **62.2823, 65.5258, 71.3576**.

A 20% lighter version of the original color is **86.4040, 96.5416, 63.3706**, and **28.6073, 37.3198, 14.0832** is the 20% darker color. If you saturate the color by 10%, you get **53.7248, 69.7752, 26.2303**, and if you desaturate by 10%, it is **60.9402, 73.1145, 43.7485**.

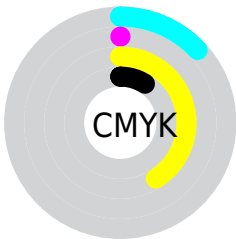
Distribution



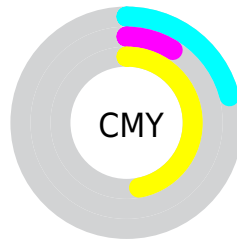
- Red (79%)
- Green (91%)
- Blue (53%)



- Red (53%)
- Yellow (91%)
- Blue (65%)



- Cyan (13%)
- Magenta (0%)
- Yellow (41%)
- Black (9%)





- Cyan (21%)
- Magenta (9%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1072, 71.3469, 34.0540 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 57.1072, 71.3469, 34.0540 by changing the saturation by 10% instead.


 57.1072, 71.3469,
34.0540


 57.1072, 71.3469,
34.0540


403.8586,
465.2652, 335.1493

 41.3318, 52.6253,
22.6574


 99.7520, 121.1275,
67.1525

 28.7672, 37.5038,
14.1378


 127.3522,
152.9554, 89.6915

 19.0482, 25.5978,
8.0767


 159.6246,
189.9208, 116.7816

 11.8093, 16.5230,
4.0556

196.9347,
232.4082, 148.8415

 6.6853, 9.8950,
1.6559

239.6478,
280.8020, 186.2897

 3.3106, 5.3294,
0.3302

288.1292,

 1.3201, 2.4418,

335.4864, 229.5447

0.0000

342.7444,
396.8460, 279.0250

■ 0.1982, 0.8473,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1072, 71.3469,
34.0540

■ 57.1072, 71.3469,
34.0540

■ 53.7248, 69.7752,
26.2303

■ 60.9402, 73.1145,
43.7485

■ 50.7634, 68.3800,
20.1518

■ 65.2405, 75.0776,
55.4193


■ 48.1979, 67.1536,
15.6849


■ 70.0306, 77.2476,
69.1697

■ 45.9975, 66.0836,
12.6748

■ 75.3296, 79.6323,
85.0941

 44.1256, 65.1551,
10.9359

 81.1554, 82.2392,
103.2815

 42.6869, 64.4286,
10.1861

 84.2056, 83.7472,
106.3344

 86.7985, 85.0839,
106.4558

 87.8675, 85.6349,
106.5058

Harmonies

Analogous

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



67.7852, 71.3469, 29.2701



57.1072, 71.3469, 34.0540



50.0515, 71.3469, 49.6585

Triad

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



57.1072, 71.3469, 34.0540



57.1503, 71.3469, 148.3653



93.0178, 71.3469, 77.6049

Complementary

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



57.1072, 71.3469, 34.0540



38.9567, 31.4868, 79.6297

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.



89.3463, 71.3469, 114.6610



57.1072, 71.3469, 34.0540



67.8410, 71.3469, 162.0532

Square

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



57.1072, 71.3469, 34.0540



50.0742, 71.3469, 114.8402



79.7798, 71.3469, 148.2425



89.3128, 71.3469, 49.5560

Rectangle

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



57.1072, 71.3469, 34.0540



47.8980, 71.3469, 67.0495



79.7798, 71.3469, 148.2425



92.6005, 71.3469, 89.3889

Sweetspot

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



57.1090, 71.3501, 34.0555



87.0422, 96.3964, 84.8245



50.7667, 45.4990, 29.4000



18.4561, 20.5539, 17.6467



0.0000, 0.0000, 0.0000



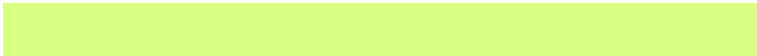
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1090, 71.3501, 34.0555



67.9746, 87.6614, 34.4744



46.5398, 65.9014, 33.5609



15.1357, 16.5770, 15.3064



24.0635, 36.1867, 5.7164



1.8733, 2.7231, 0.4269

Inverse Universe

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



38.9567, 31.4868, 79.6297



42.5120, 31.6906, 98.4840



50.3819, 37.3767, 80.1644



14.0091, 14.1069, 18.1289



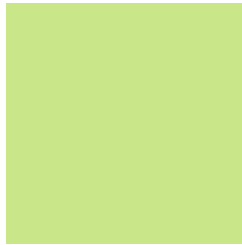
9.7382, 4.0861, 42.6586



0.8131, 0.3501, 3.1567

Previews

White Background



This preview shows how the XYZ color 57.1072, 71.3469, 34.0540 looks on a white background.

Color Contrast Check

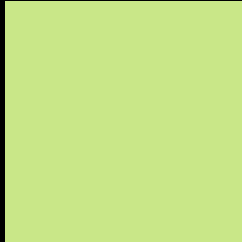
Large Text (above 18pt) WCAG AA × Fail

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 57.1072, 71.3469, 34.0540 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 57.1072, 71.3469, 34.0540

Background



This preview shows how black text looks on a background with the XYZ color 57.1072, 71.3469, 34.0540.

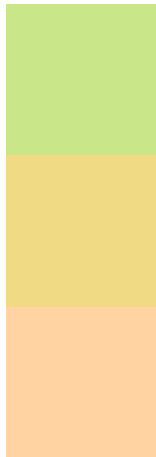


This preview shows how white text looks on a background with the XYZ color 57.1072, 71.3469,

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

57.1072, 71.3469, 34.0540

Protanopia

65.4316, 70.8542, 32.0574

Deuteranopia

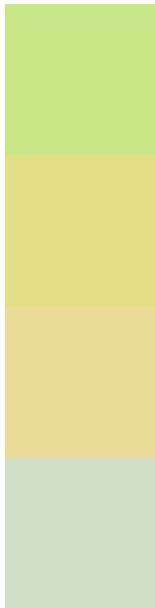
71.3051, 70.9556, 44.1200



Tritanopia

68.2034, 71.0153, 89.4695

Trichromacy



Original Color

57.1072, 71.3469, 34.0540

Protanomaly

61.9853, 70.6376, 32.5577

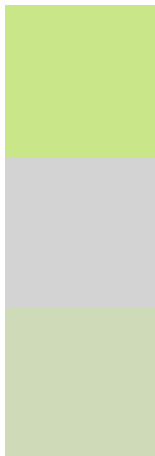
Deuteranomaly

65.3422, 70.6251, 40.3251

Tritanomaly

63.1075, 70.5008, 64.9255

Monochromacy



Original Color

57.1072, 71.3469, 34.0540

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

59.4553, 66.8689, 55.1208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1072, 71.3469, 34.0540 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(201, 231, 136)` looks like.

```
.text, #text, p{  
    color:rgb(201, 231, 136)  
}
```

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(201, 231, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 231, 136) }
```

Border

The CSS property to change the border of an element to XYZ 57.1072, 71.3469, 34.0540 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(201, 231, 136) }
```


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

```
.border{ border-color:rgb(201, 231, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 231, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 231, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 231, 136);  
box-shadow:4px 4px 4px 4px rgb(201, 231,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1072, 71.3469, 34.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 231, 136) }
```

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

```
.background{ background-color: rgb(201,  
231, 136) }
```

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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