

Converting Colors

XYZ(54.1985, 71.1949, 15.0192)

Have a look what the booklet for
XYZ(54.1985, 71.1949, 15.0192)
contains.

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Color

**XYZ(54.0157, 71.0111,
14.9973)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E93B
RGB	201, 233, 59
RGB Percent	79%, 91%, 23%
CMY	0.2118, 0.0863, 0.7686
CMYK	0.14, 0.00, 0.75, 0.09
HSL	71°, 80%, 57%
HSV	71°, 75%, 91%
XYZ	54.0157, 71.0111, 14.9973
YIQ	203.5960, 36.7820, -60.8980

Conversions

Conversions Part 2

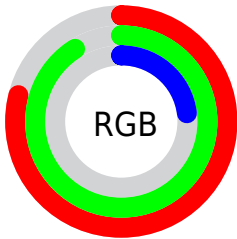
Format	Color
RYB	59, 233, 91
Decimal	13232443
CIELab	87.49, -31.92, 75.14
CIELCh	87, 81.644, 113.017
Yxy	71.0111, 0.3858, 0.5071
Android (android.graphics.Color)	4291422523 (0xFFC9E93B)
YUV	203.5960, -71.2858, -2.2767
Hunter-Lab	84.2681, -33.0509, 48.4357

Details

The XYZ color **54.0157, 71.0111, 14.9973** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **20.5889, 11.2371, 78.1789**, and the grayscale version is **57.5607, 60.5583, 65.9480**.

A 20% lighter version of the original color is **80.3298, 94.1119, 31.3843**, and **27.0498, 37.2839, 5.7708** is the 20% darker color. If you saturate the color by 10%, you get **52.4054, 70.2383, 12.4410**, and if you desaturate by 10%, it is **55.9309, 71.9147, 18.9773**.

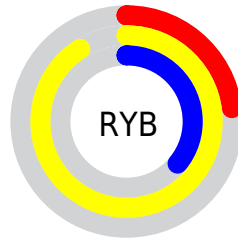
Distribution



Red (79%)

Green (91%)

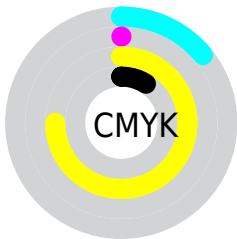
Blue (23%)



Red (23%)

Yellow (91%)

Blue (36%)

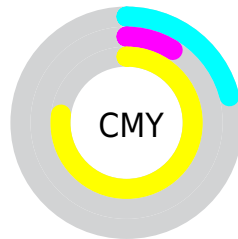


Cyan (14%)

Magenta (0%)

Yellow (75%)

Black (9%)



Cyan (21%)

Magenta (9%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0157, 71.0111, 14.9973 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 54.0157, 71.0111, 14.9973 by changing the saturation by 10% instead.

■ 54.0157, 71.0111,
14.9973

■ 54.0157, 71.0111,
14.9973

392.3673,
464.0922, 234.9901

■ 38.8449, 52.3513,
8.6709

■ 95.2541, 120.6495,
35.5907

■ 26.8193, 37.2851,
4.4333

■ 122.0524,
152.3969, 50.6947

■ 17.5734, 25.4283,
1.8659

■ 153.4572,
189.2756, 69.5617

■ 10.7420, 16.3965,
0.4709

■ 189.8340,
231.6699, 92.6102

■ 5.9596, 9.8051,
0.0000

■ 231.5480,
279.9644, 120.2588

■ 2.8610, 5.2699,
0.0000

278.9647,

■ 1.0807, 2.4065,

334.5433, 152.9259

0.0000

332.4493,
395.7912, 191.0302

0.0089, 0.8292,
0.0000

0.0000, 0.0000,
0.0000

54.0157, 71.0111,
14.9973

54.0157, 71.0111,
14.9973

52.4054, 70.2383,
12.4410

55.9309, 71.9147,
18.9773

51.0560, 69.5709,
11.0986

58.1782, 72.9524,
24.5441

50.4120, 69.2469,
10.7090

60.7869, 74.1383,
31.8435

63.7816, 75.4825,
41.0038

67.1846, 76.9938,
52.1409

71.0163, 78.6805,
65.3616

75.2958, 80.5502,
80.7647

80.0410, 82.6100,
98.4430

82.9812, 83.9518,
106.4385

Harmonies

Analogous

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



72.1003, 71.0111, 12.5735



54.0157, 71.0111, 14.9973



42.0075, 71.0111, 29.4329

Triad

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



54.0157, 71.0111, 14.9973



47.5644, 71.0111, 196.8662



111.3657, 71.0111, 90.9532

Complementary

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



54.0157, 71.0111, 14.9973



20.5889, 11.2371, 78.1789

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.



101.6367, 71.0111, 160.3550



54.0157, 71.0111, 14.9973



63.0880, 71.0111, 237.7567

Square

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



54.0157, 71.0111, 14.9973



38.8081, 71.0111, 126.6862



83.0461, 71.0111, 221.9190



107.6714, 71.0111, 42.8013

Rectangle

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



54.0157, 71.0111, 14.9973



37.8927, 71.0111, 50.2770



83.0461, 71.0111, 221.9190



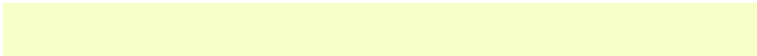
109.5034, 71.0111, 112.6474

Sweetspot

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



54.0173, 71.0143, 14.9988



83.6020, 94.9940, 67.9013



38.1289, 25.1067, 6.9751



17.6319, 20.2167, 13.6451



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.



54.0173, 71.0143, 14.9988



63.3189, 85.7062, 14.1539



36.8835, 62.1815, 14.1969



16.0645, 17.4788, 16.0458



28.7010, 39.3404, 6.0807



2.3242, 3.1255, 0.4808

Inverse Universe

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



20.5889, 11.2371, 78.1789



20.7725, 9.1556, 95.2801



34.6117, 18.4661, 78.8352



14.4897, 14.6822, 18.9925



8.9826, 3.6666, 43.9773



0.7786, 0.3257, 3.4567

Previews

White Background



This preview shows how the XYZ color 54.0157, 71.0111, 14.9973 looks on a white background.

Color Contrast Check

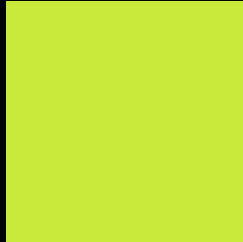
Large Text (above 18pt) WCAG AA × Fail

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 54.0157, 71.0111, 14.9973 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 54.0157, 71.0111, 14.9973

Background



This preview shows how black text looks on a background with the XYZ color 54.0157, 71.0111, 14.9973.



This preview shows how white text looks on a background with the XYZ color 54.0157, 71.0111, 14.9973.

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

54.0157, 71.0111, 14.9973

Protanopia

64.0271, 70.5317, 13.8538

Deuteranopia

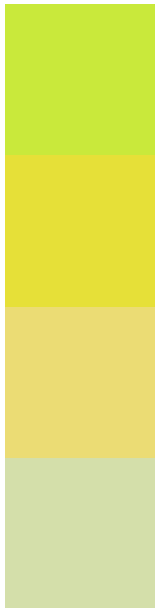
70.1288, 70.4851, 37.9258



Tritanopia

68.5776, 70.4716, 87.8299

Trichromacy



Original Color

54.0157, 71.0111, 14.9973

Protanomaly

60.0026, 70.4198, 14.1713

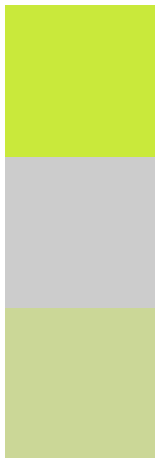
Deuteranomaly

63.0065, 70.1095, 26.7347

Tritanomaly

60.7948, 69.6747, 48.2745

Monochromacy



Original Color

54.0157, 71.0111, 14.9973

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

54.5150, 63.5318, 38.6678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0157, 71.0111, 14.9973 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, 233, 59)` looks like.

```
.text, #text, p{  
    color:rgb(201, 233, 59)  
}
```

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, 233, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 233, 59) }
```

Border

The CSS property to change the border of an element to XYZ 54.0157, 71.0111, 14.9973 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, 233, 59) }
```


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

```
.border{ border-color:rgb(201, 233, 59) }
```

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

Here you see how a box with a 4 pixel rgb(201, 233, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 233, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 233, 59);  
box-shadow:4px 4px 4px 4px rgb(201, 233,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0157, 71.0111, 14.9973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 233, 59) }
```

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

```
.background{ background-color: rgb(201,  
233, 59) }
```

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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