

Converting Colors

XYZ(54.5610, 74.7686, 14.1107)

Have a look what the booklet for
XYZ(54.5610, 74.7686, 14.1107)
contains.

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Color

**XYZ(54.4541, 74.7100,
14.1352)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F12E
RGB	195, 241, 46
RGB Percent	76%, 95%, 18%
CMY	0.2353, 0.0549, 0.8196
CMYK	0.19, 0.00, 0.81, 0.05
HSL	74°, 87%, 56%
HSV	74°, 81%, 95%
XYZ	54.4541, 74.7100, 14.1352
YIQ	205.0160, 35.1790, -70.3970

Conversions

Conversions Part 2

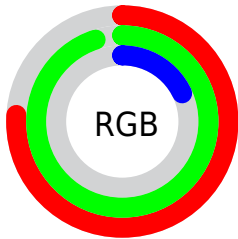
Format	Color
RYB	46, 241, 92
Decimal	12841262
CIELab	89.26, -38.42, 80.21
CIELCh	89, 88.935, 115.595
Yxy	74.7100, 0.3800, 0.5214
Android (android.graphics.Color)	4291031342 (0xFFC3F12E)
YUV	205.0160, -78.3949, -8.7840
Hunter-Lab	86.4349, -38.8060, 50.8084

Details

The XYZ color **54.4541, 74.7100, 14.1352** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **21.2707, 10.5821, 84.1451**, and the grayscale version is **58.5084, 61.5553, 67.0338**.

A 20% lighter version of the original color is **79.8145, 93.9058, 28.6708**, and **27.5023, 39.9322, 6.2582** is the 20% darker color. If you saturate the color by 10%, you get **52.6650, 73.8305, 12.2295**, and if you desaturate by 10%, it is **56.5689, 75.7316, 17.4488**.

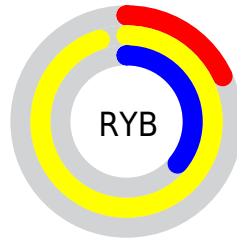
Distribution



Red (76%)

Green (95%)

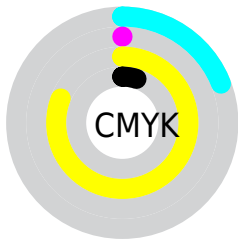
Blue (18%)



Red (18%)

Yellow (95%)

Blue (36%)

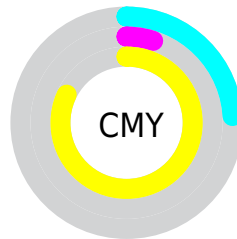


Cyan (19%)

Magenta (0%)

Yellow (81%)

Black (5%)



Cyan (24%)


Magenta (5%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4541, 74.7100, 14.1352 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 54.4541, 74.7100, 14.1352 by changing the saturation by 10% instead.


 54.4541, 74.7100,
14.1352

 54.4541, 74.7100,
14.1352


394.0094,
476.9202, 229.5279


 39.1969, 55.3753,
8.0749


 95.8937, 125.9018,
34.0493

 27.0944, 39.7023,
4.0545


 122.8068,
158.5277, 48.7402


 17.7811, 27.3065,
1.6553


 154.3359,
196.3528, 67.1451

 10.8917, 17.8036,
0.3298

 190.8464,
239.7615, 89.6825

 6.0608, 10.8090,
0.0000

 232.7037,
289.1382, 116.7709

 2.9231, 5.9386,
0.0000

280.2730,

 1.1132, 2.8078,

344.8673, 148.8289

0.0000

333.9198,
407.3332, 186.2751

■ 0.0361, 1.0322,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4541, 74.7100,
14.1352

■ 54.4541, 74.7100,
14.1352

■ 52.6650, 73.8305,
12.2295

■ 56.5689, 75.7316,
17.4488

■ 51.2587, 73.1222,
11.4124

■ 59.0438, 76.9010,
22.3708

■ 61.9136, 78.2351,
29.0745

■ 65.2074, 79.7454,
37.7093

68.9512, 81.4425,
48.4093

73.1687, 83.3358,
61.2964

77.8818, 85.4342,
76.4830

83.1110, 87.7460,
94.0740

87.5745, 89.7585,
107.3172

Harmonies

Analogous

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



74.2656, 74.7100, 10.8788



54.4541, 74.7100, 14.1352



41.8277, 74.7100, 30.7555

Triad

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



54.4541, 74.7100, 14.1352



49.9310, 74.7100, 225.2937



121.3130, 74.7100, 90.8825

Complementary

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



54.4541, 74.7100, 14.1352



21.2707, 10.5821, 84.1451

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.



111.3362, 74.7100, 169.3619



54.4541, 74.7100, 14.1352



67.8502, 74.7100, 268.3406

Square

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



54.4541, 74.7100, 14.1352



39.6141, 74.7100, 144.7219



90.6205, 74.7100, 243.8996



115.7214, 74.7100, 39.8472

Rectangle

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



54.4541, 74.7100, 14.1352



37.7567, 74.7100, 55.0739



90.6205, 74.7100, 243.8996



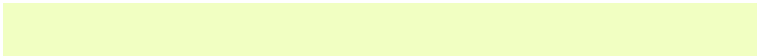
119.6210, 74.7100, 114.8737

Sweetspot

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



54.4558, 74.7134, 14.1368



81.6010, 94.0296, 64.7699



40.5557, 26.4686, 5.5572



17.0991, 19.9615, 12.7422



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.



54.4558, 74.7134, 14.1368



58.7340, 83.3587, 13.2139



36.9883, 65.7085, 13.3193



16.7372, 18.2602, 16.7921



27.9203, 39.7150, 6.1942



2.4096, 3.3487, 0.5194

Inverse Universe

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



21.2707, 10.5821, 84.1451



20.3804, 8.5446, 95.1829



37.8434, 19.1257, 84.9207



15.2463, 15.4087, 19.8922



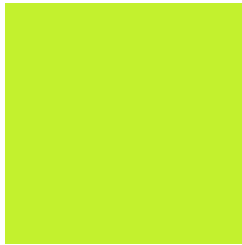
9.6195, 3.9644, 45.3861



0.8857, 0.3739, 3.7797

Previews

White Background



This preview shows how the XYZ color 54.4541, 74.7100, 14.1352 looks on a white background.

Color Contrast Check

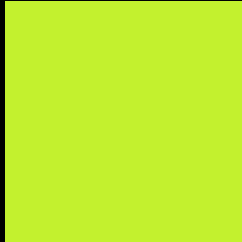
Large Text (above 18pt) WCAG AA × Fail

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 54.4541, 74.7100, 14.1352 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 54.4541, 74.7100, 14.1352

Background



This preview shows how black text looks on a background with the XYZ color 54.4541, 74.7100, 14.1352.



This preview shows how white text looks on a background with the XYZ color 54.4541, 74.7100,

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

54.4541, 74.7100, 14.1352

Protanopia

67.2185, 74.1739, 12.9647

Deuteranopia

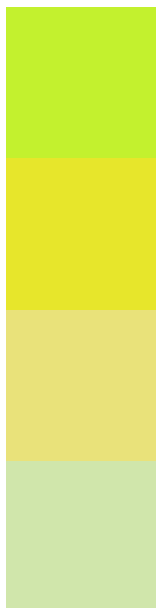
73.1029, 74.1194, 46.0508



Tritanopia

70.7070, 74.1692, 94.5938

Trichromacy



Original Color

54.4541, 74.7100, 14.1352

Protanomaly

61.6879, 73.7570, 13.2707

Deuteranomaly

64.3135, 73.1215, 29.1365

Tritanomaly

61.6599, 72.9438, 49.3578

Monochromacy



Original Color

54.4541, 74.7100, 14.1352

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

54.4253, 64.6669, 37.2172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4541, 74.7100, 14.1352 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(195, 241, 46)` looks like.

```
.text, #text, p{  
    color:rgb(195, 241, 46)  
}
```

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(195, 241, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 241, 46) }
```

Border

The CSS property to change the border of an element to XYZ 54.4541, 74.7100, 14.1352 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(195, 241, 46) }
```


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

```
.border{ border-color:rgb(195, 241, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 241, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 241, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 241, 46);  
box-shadow:4px 4px 4px 4px rgb(195, 241,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4541, 74.7100, 14.1352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 241, 46) }
```

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

```
.background{ background-color: rgb(195,  
241, 46) }
```

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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