

Converting Colors

XYZ(53.9747, 74.5004, 12.5301)

Have a look what the booklet for
XYZ(53.9747, 74.5004, 12.5301)
contains.

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Color

**XYZ(53.8899, 74.4545,
12.5081)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C2F11A |
| RGB | 194, 241, 26 |
| RGB Percent | 76%, 95%, 10% |
| CMY | 0.2392, 0.0549, 0.8980 |
| CMYK | 0.20, 0.00, 0.89, 0.05 |
| HSL | 73°, 88%, 52% |
| HSV | 73°, 89%, 95% |
| XYZ | 53.8899, 74.4545, 12.5081 |
| YIQ | 202.4370, 41.0030, -76.8290 |

Conversions

Conversions Part 2

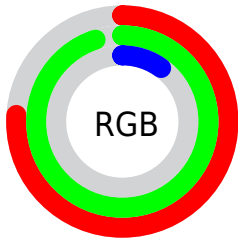
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 26, 241, 73 |
| Decimal | 12775706 |
| CIE Lab | 89.14, -39.34, 84.05 |
| CIE LCh | 89, 92.799, 115.084 |
| Yxy | 74.4545, 0.3826, 0.5286 |
| Android (android.graphics.Color) | 4290965786 (0xFFC2F11A) |
| YUV | 202.4370, -86.9834, -7.3992 |
| Hunter-Lab | 86.2870, -39.5215, 51.8063 |

Details

The XYZ color **53.8899, 74.4545, 12.5081** 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 **18.9972, 8.5081, 83.8645**, and the grayscale version is **56.9242, 59.8887, 65.2188**.

A 20% lighter version of the original color is **79.2521, 93.6809, 25.7096**, and **27.3406, 39.8488, 6.2506** is the 20% darker color. If you saturate the color by 10%, you get **52.3868, 73.7025, 11.5199**, and if you desaturate by 10%, it is **55.6598, 75.3242, 14.6363**.

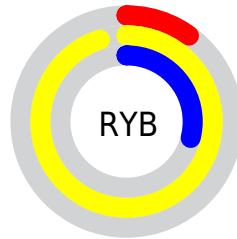
Distribution



Red (76%)

Green (95%)

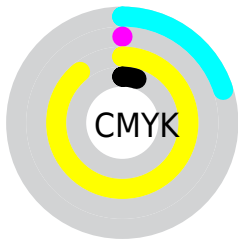
Blue (10%)



Red (10%)

Yellow (95%)

Blue (29%)

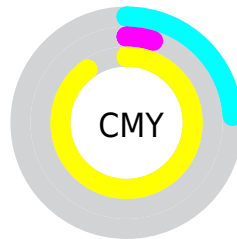


Cyan (20%)

Magenta (0%)

Yellow (89%)

Black (5%)



Cyan (24%)


Magenta (5%)


Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8899, 74.4545, 12.5081 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 53.8899, 74.4545, 12.5081 by changing the saturation by 10% instead.


 53.8899, 74.4545,
12.5081

 53.8899, 74.4545,
12.5081


391.8952,
476.0405, 218.8366

 38.7440, 55.1661,
6.9640


 95.0704, 125.5399,
31.0953


 26.7404, 39.5347,
3.3615


 121.8357,
158.1057, 44.9755


 17.5140, 27.1760,
1.2820


 153.2048,
195.8660, 62.4714

 10.6992, 17.7054,
0.0470

 189.5431,
239.2054, 84.0017

 5.9307, 10.7387,
0.0000

 231.2159,
288.5081, 109.9848

 2.8433, 5.8914,
0.0000

 278.5887,

 1.0714, 2.7792,

344.1586, 140.8393

0.0000

332.0266,
406.5413, 176.9837

■ 0.0010, 1.0176,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.8899, 74.4545,
12.5081

■ 53.8899, 74.4545,
12.5081

■ 52.3868, 73.7025,
11.5199

■ 55.6598, 75.3242,
14.6363

■ 52.2727, 73.6449,
11.4598

■ 57.7500, 76.3249,
18.2055

■ 60.2003, 77.4753,
23.4156

■ 63.0429, 78.7883,
30.4337

■ 66.3061, 80.2753,
39.4064

■ 70.0153, 81.9465,
50.4655

■ 74.1938, 83.8113,
63.7310

■ 78.8632, 85.8784,
79.3141

■ 84.0435, 88.1559,
97.3182

Harmonies

Analogous

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



74.5578, 74.4545, 9.5346



53.8899, 74.4545, 12.5081



40.7695, 74.4545, 28.6469

Triad

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



53.8899, 74.4545, 12.5081



48.6862, 74.4545, 232.0156



123.5183, 74.4545, 92.2122

Complementary

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



53.8899, 74.4545, 12.5081



18.9972, 8.5081, 83.8645

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.



112.7356, 74.4545, 175.2523



53.8899, 74.4545, 12.5081



67.1064, 74.4545, 279.1428

Square

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



53.8899, 74.4545, 12.5081



38.2442, 74.4545, 146.1368



90.8437, 74.4545, 254.1935



117.8938, 74.4545, 38.9116

Rectangle

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



53.8899, 74.4545, 12.5081



36.5222, 74.4545, 53.0583



90.8437, 74.4545, 254.1935



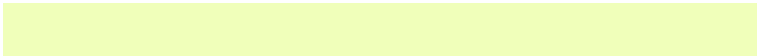
121.6362, 74.4545, 117.5242

Sweetspot

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



53.8916, 74.4579, 12.5097



80.5558, 93.5874, 60.3565



38.8204, 23.4888, 3.4660



16.9123, 19.8837, 11.8993



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.



53.8916, 74.4579, 12.5097



59.3784, 83.6957, 13.0253



35.5676, 65.0115, 11.6521



16.7650, 18.2746, 16.7934



28.4645, 39.9955, 6.2197



2.4506, 3.3699, 0.5213

Inverse Universe

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



18.9972, 8.5081, 83.8645



19.6672, 8.0537, 95.1257



35.0916, 16.8051, 84.6177



15.2204, 15.3953, 19.8910



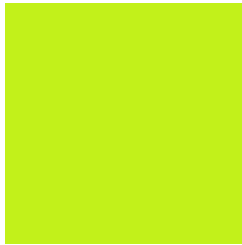
9.4905, 3.8979, 45.3800



0.8716, 0.3666, 3.7790

Previews

White Background



This preview shows how the XYZ color 53.8899, 74.4545, 12.5081 looks on a white background.

Color Contrast Check

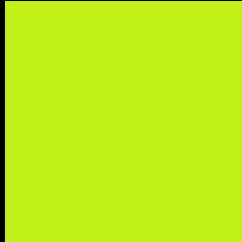
Large Text (above 18pt) WCAG AA × Fail

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 53.8899, 74.4545, 12.5081 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 53.8899, 74.4545, 12.5081

Background



This preview shows how black text looks on a background with the XYZ color 53.8899, 74.4545, 12.5081.

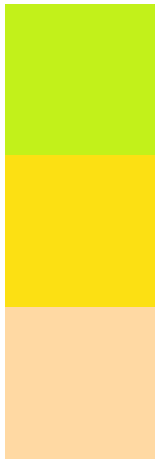


This preview shows how white text looks on a background with the XYZ color 53.8899, 74.4545,

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

53.8899, 74.4545, 12.5081

Protanopia

66.9181, 74.0538, 11.3829

Deuteranopia

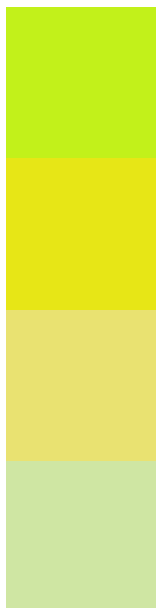
72.6637, 73.5301, 45.0133



Tritanopia

70.4142, 74.0183, 94.5801

Trichromacy



Original Color

53.8899, 74.4545, 12.5081

Protanomaly

61.3966, 73.6405, 11.7371

Deuteranomaly

63.7813, 72.9086, 26.3339

Tritanomaly

60.6398, 72.5034, 45.4488

Monochromacy



Original Color

53.8899, 74.4545, 12.5081

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

52.6965, 63.0888, 33.4447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8899, 74.4545, 12.5081 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(194, 241, 26)` looks like.

```
.text, #text, p{  
    color:rgb(194, 241, 26)  
}
```

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(194, 241, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 241, 26) }
```

Border

The CSS property to change the border of an element to XYZ 53.8899, 74.4545, 12.5081 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(194, 241, 26) }
```


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

```
.border{ border-color:rgb(194, 241, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 241, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 241, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 241, 26);  
box-shadow:4px 4px 4px 4px rgb(194, 241,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8899, 74.4545, 12.5081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 241, 26) }
```

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

```
.background{ background-color: rgb(194,  
241, 26) }
```

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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