

Converting Colors

XYZ(54.1118, 73.7279, 22.1660)

Have a look what the booklet for
XYZ(54.1118, 73.7279, 22.1660)
contains.

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Color

**XYZ(54.2119, 73.9652,
22.2459)**

Conversions

Conversions Part 1

Format	Color
Hex	BDF05F
RGB	189, 240, 95
RGB Percent	74%, 94%, 37%
CMY	0.2588, 0.0588, 0.6274
CMYK	0.21, 0.00, 0.60, 0.06
HSL	81°, 83%, 66%
HSV	81°, 60%, 94%
XYZ	54.2119, 73.9652, 22.2459
YIQ	208.2210, 16.1490, -55.9070

Conversions

Conversions Part 2

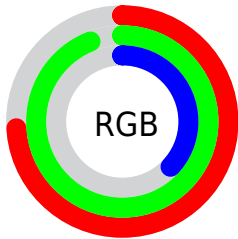
Format	Color
RYB	95, 240, 146
Decimal	12447839
CIELab	88.91, -37.52, 63.08
CIELCh	89, 73.395, 120.748
Yxy	73.9652, 0.3604, 0.4917
Android (android.graphics.Color)	4290637919 (0xFFBDF05F)
YUV	208.2210, -55.8180, -16.8568
Hunter-Lab	86.0030, -37.9880, 44.8659

Details

The XYZ color **54.2119, 73.9652, 22.2459** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **31.6774, 20.5887, 84.7468**, and the grayscale version is **60.4430, 63.5908, 69.2503**.

A 20% lighter version of the original color is **79.9764, 93.6785, 42.7207**, and **26.9901, 39.3201, 7.9173** is the 20% darker color. If you saturate the color by 10%, you get **51.2516, 72.5487, 17.2639**, and if you desaturate by 10%, it is **57.6337, 75.5855, 29.0061**.

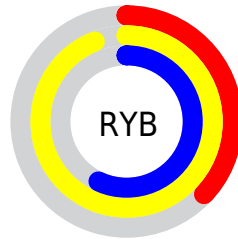
Distribution



Red (74%)

Green (94%)

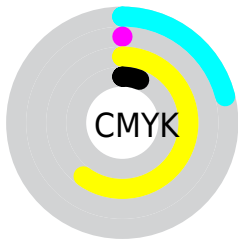
Blue (37%)



Red (37%)

Yellow (94%)

Blue (57%)

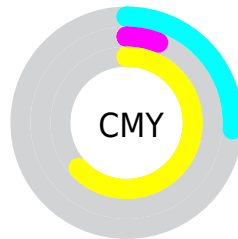


Cyan (21%)

Magenta (0%)

Yellow (60%)

Black (6%)



Cyan (26%)


Magenta (6%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2119, 73.9652, 22.2459 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 54.2119, 73.9652, 22.2459 by changing the saturation by 10% instead.


 54.2119, 73.9652,
22.2459


 54.2119, 73.9652,
22.2459


393.1027,
474.3533, 276.8230

 39.0024, 54.7656,
13.8377


 95.5404, 124.8465,
48.0595


 26.9424, 39.2140,
7.8704


 122.3901,
157.2969, 66.3019

 17.6663, 26.9263,
3.9255

 153.8506,
194.9330, 88.6594

 10.8089, 17.5179,
1.5846

 190.2873,
238.1393, 115.5506

 6.0048, 10.6044,
0.2798

232.0655,
287.3000, 147.3941

 2.8887, 5.8015,
0.0000

279.5506,

 1.0952, 2.7248,

342.7997, 184.6082

0.0000

333.1079,
405.0226, 227.6117

0.0211, 0.9898,
0.0000

0.0000, 0.0000,
0.0000

54.2119, 73.9652,
22.2459

54.2119, 73.9652,
22.2459

51.2516, 72.5487,
17.2639

57.6337, 75.5855,
29.0061

48.7133, 71.3123,
13.8869


61.5416, 77.4120,
37.6872


46.5587, 70.2430,
11.9151


65.9644, 79.4590,
48.4225

44.7910, 69.3496,
11.0251

70.9268, 81.7367,
61.3325

 76.4518, 84.2543,
76.5280

 82.5608, 87.0207,
94.1125

 87.9575, 89.5176,
107.2505

 90.4517, 90.8034,
107.3672

Harmonies

Analogous

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



69.8557, 73.9652, 16.9003



54.2119, 73.9652, 22.2459



44.4643, 73.9652, 41.4997

Triad

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



54.2119, 73.9652, 22.2459



54.8655, 73.9652, 199.9313



110.3876, 73.9652, 79.2622

Complementary

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



54.2119, 73.9652, 22.2459



31.6774, 20.5887, 84.7468

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.



104.5985, 73.9652, 138.5700



54.2119, 73.9652, 22.2459



70.7496, 73.9652, 223.7235

Square

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



54.2119, 73.9652, 22.2459



44.7945, 73.9652, 141.7782



89.2963, 73.9652, 197.5935



104.0170, 73.9652, 40.0909

Rectangle

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



54.2119, 73.9652, 22.2459



41.6380, 73.9652, 65.7791



89.2963, 73.9652, 197.5935



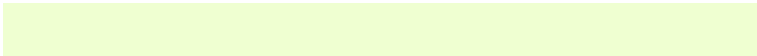
109.7910, 73.9652, 97.3486

Sweetspot

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



54.2137, 73.9685, 22.2475



82.8284, 94.4538, 74.2524



48.2439, 39.8347, 15.9736



17.3493, 20.0436, 14.8719



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.



54.2137, 73.9685, 22.2475



58.2497, 82.9810, 18.9756



40.5306, 66.9146, 21.6071



16.5520, 18.1647, 16.7835



24.6676, 38.0381, 6.0420



2.1594, 3.2197, 0.5077

Inverse Universe

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



31.6774, 20.5887, 84.7468



30.4794, 17.0104, 96.2846



48.8114, 29.4216, 85.5486



15.4218, 15.4991, 19.9004



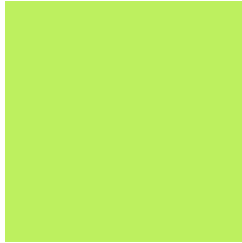
10.7623, 4.5536, 45.4396



0.9994, 0.4324, 3.7850

Previews

White Background



This preview shows how the XYZ color 54.2119, 73.9652, 22.2459 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 54.2119, 73.9652, 22.2459 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 54.2119, 73.9652, 22.2459

Background



This preview shows how black text looks on a background with the XYZ color 54.2119, 73.9652, 22.2459.



This preview shows how white text looks on a background with the XYZ color 54.2119, 73.9652,

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

54.2119, 73.9652, 22.2459

Protanopia

66.9445, 73.4700, 20.3256

Deuteranopia

72.5874, 73.0883, 45.8790



Tritanopia

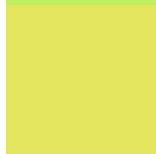
68.8350, 73.5869, 95.3697

Trichromacy



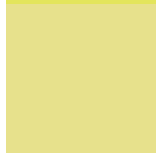
Original Color

54.2119, 73.9652, 22.2459



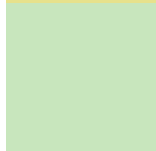
Protanomaly

61.6296, 73.1422, 20.9948



Deuteranomaly

64.6138, 72.7328, 35.4443



Tritanomaly

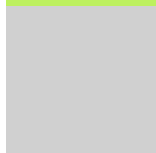
61.3015, 72.5471, 58.9162

Monochromacy



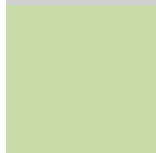
Original Color

54.2119, 73.9652, 22.2459



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

56.6556, 66.3939, 46.3885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2119, 73.9652, 22.2459 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(189, 240, 95)` looks like.

```
.text, #text, p{  
    color:rgb(189, 240, 95)  
}
```

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(189, 240, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 240, 95) }
```

Border

The CSS property to change the border of an element to XYZ 54.2119, 73.9652, 22.2459 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(189, 240, 95) }
```


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

```
.border{ border-color:rgb(189, 240, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 240, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 240, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 240, 95);  
box-shadow:4px 4px 4px 4px rgb(189, 240,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2119, 73.9652, 22.2459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 240, 95) }
```

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

```
.background{ background-color: rgb(189,  
240, 95) }
```

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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