

Converting Colors

XYZ(52.5878, 74.7472, 23.0548)

Have a look what the booklet for
XYZ(52.5878, 74.7472, 23.0548)
contains.

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Color

**XYZ(52.6398, 74.9115,
22.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	B1F461
RGB	177, 244, 97
RGB Percent	69%, 96%, 38%
CMY	0.3059, 0.0431, 0.6196
CMYK	0.27, 0.00, 0.60, 0.04
HSL	87°, 87%, 67%
HSV	87°, 60%, 96%
XYZ	52.6398, 74.9115, 22.9942
YIQ	207.2090, 7.2550, -59.9210

Conversions

Conversions Part 2

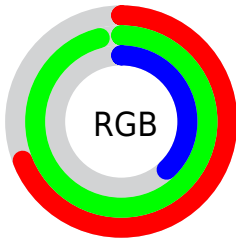
Format	Color
RYB	97, 244, 164
Decimal	11662433
CIELab	89.35, -43.49, 62.54
CIElCh	89, 76.176, 124.816
Yxy	74.9115, 0.3497, 0.4976
Android (android.graphics.Color)	4289852513 (0xFFB1F461)
YUV	207.2090, -54.3330, -26.4933
Hunter-Lab	86.5514, -42.9029, 44.8344

Details

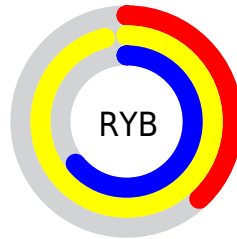
The XYZ color **52.6398, 74.9115, 22.9942** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **35.9169, 22.9757, 88.1339**, and the grayscale version is **59.7809, 62.8942, 68.4918**.

A 20% lighter version of the original color is **76.0196, 91.6199, 43.3835**, and **25.8823, 39.6802, 8.2144** is the 20% darker color. If you saturate the color by 10%, you get **49.2420, 73.2741, 17.7827**, and if you desaturate by 10%, it is **56.5975, 76.8018, 30.0608**.

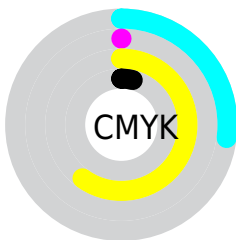
Distribution



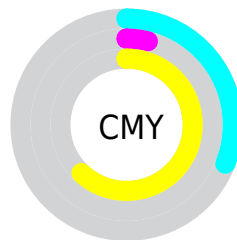
- Red (69%)
- Green (96%)
- Blue (38%)



- Red (38%)
- Yellow (96%)
- Blue (64%)



- Cyan (27%)
- Magenta (0%)
- Yellow (60%)
- Black (4%)





- Cyan (31%)
- Magenta (4%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6398, 74.9115, 22.9942 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 52.6398, 74.9115, 22.9942 by changing the saturation by 10% instead.


 52.6398, 74.9115,
22.9942

 52.6398, 74.9115,
22.9942


387.1852,
477.6133, 280.8162

 37.7416, 55.5404,
14.3840


 93.2428, 126.1871,
49.3069


 25.9585, 39.8345,
8.2464


 119.6783,
158.8603, 67.8464

 16.9251, 27.4096,
4.1630


 150.6903,
196.7364, 90.5328

 10.2761, 17.8811,
1.7152

 186.6442,
240.1998, 117.7845

 5.6461, 10.8646,
0.3711

227.9052,
289.6347, 150.0202

 2.6697, 5.9759,
0.0000

274.8388,

 0.9816, 2.8304,

345.4257, 187.6583

0.0000

327.8104,
407.9571, 231.1175

0.0000, 1.0439,
0.0000

0.0000, 0.0000,
0.0000

52.6398, 74.9115,
22.9942

52.6398, 74.9115,
22.9942

49.2420, 73.2741,
17.7827

56.5975, 76.8018,
30.0608

46.3607, 71.8640,
14.2460


61.1435, 78.9494,
39.1310


43.9528, 70.6660,
12.1768


66.3102, 81.3701,
50.3435


41.9910, 69.6735,
11.2352

72.1259, 84.0758,
63.8236

 78.6167, 87.0776,
79.6867

 85.8071, 90.3856,
98.0407

 91.5889, 93.1570,
107.7616

 91.6423, 93.1845,
107.7641

Harmonies

Analogous

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



68.2348, 74.9115, 16.0883



52.6398, 74.9115, 22.9942



43.4483, 74.9115, 45.2276

Triad

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



52.6398, 74.9115, 22.9942



57.0162, 74.9115, 214.1345



113.2078, 74.9115, 73.2497

Complementary

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



52.6398, 74.9115, 22.9942



35.9169, 22.9757, 88.1339

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.



108.7989, 74.9115, 133.4894



52.6398, 74.9115, 22.9942



74.2522, 74.9115, 232.5099

Square

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



52.6398, 74.9115, 22.9942



45.6489, 74.9115, 155.3054



93.6813, 74.9115, 198.1527



104.8563, 74.9115, 35.8845

Rectangle

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



52.6398, 74.9115, 22.9942



41.1454, 74.9115, 72.6409



93.6813, 74.9115, 198.1527



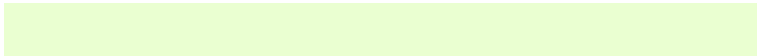
113.1805, 74.9115, 91.1935

Sweetspot

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



52.6416, 74.9148, 22.9958



81.2383, 93.6340, 74.1780



52.5926, 46.3466, 17.4842



16.9605, 19.8432, 14.8537



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.



52.6416, 74.9148, 22.9958



53.7729, 80.6731, 18.7661



40.2603, 68.5320, 22.4164



17.1440, 18.9163, 17.5452



22.9910, 37.9651, 6.1162



2.1391, 3.3978, 0.5431

Inverse Universe

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



35.9169, 22.9757, 88.1339



33.8632, 18.7548, 96.4430



55.4151, 33.0274, 89.0464



16.2987, 16.2967, 20.8291



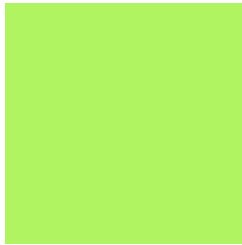
12.6116, 5.4758, 46.9303



1.2253, 0.5415, 4.1302

Previews

White Background



This preview shows how the XYZ color 52.6398, 74.9115, 22.9942 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 52.6398, 74.9115, 22.9942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

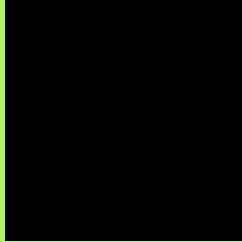
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6398, 74.9115, 22.9942

Background



This preview shows how black text looks on a background with the XYZ color 52.6398, 74.9115, 22.9942.



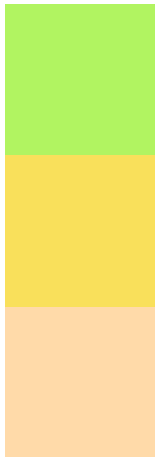
This preview shows how white text looks on a background with the XYZ color 52.6398, 74.9115,

22.9942.

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

52.6398, 74.9115, 22.9942

Protanopia

67.6109, 74.2064, 20.6573

Deuteranopia

73.4728, 74.2674, 47.9987



Tritanopia

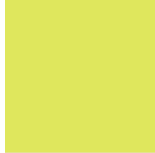
67.8338, 74.6243, 98.8244

Trichromacy



Original Color

52.6398, 74.9115, 22.9942



Protanomaly

60.9831, 73.6301, 21.3538



Deuteranomaly

64.1056, 73.2522, 36.7470



Tritanomaly

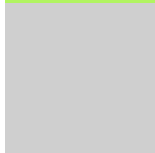
60.1725, 73.5986, 60.9037

Monochromacy



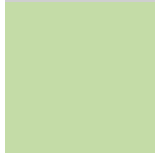
Original Color

52.6398, 74.9115, 22.9942



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

55.3332, 65.7122, 46.3266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6398, 74.9115, 22.9942 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(177, 244, 97)` looks like.

```
.text, #text, p{  
    color:rgb(177, 244, 97)  
}
```

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(177, 244, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 244, 97) }
```

Border

The CSS property to change the border of an element to XYZ 52.6398, 74.9115, 22.9942 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(177, 244, 97) }
```


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

```
.border{ border-color:rgb(177, 244, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 244, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 244, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 244, 97);  
box-shadow:4px 4px 4px 4px rgb(177, 244,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6398, 74.9115, 22.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 244, 97) }
```

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

```
.background{ background-color: rgb(177,  
244, 97) }
```

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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