

Converting Colors

Yxy(74.0485, 0.3646, 0.5206)

Have a look what the booklet for
Yxy(74.0485, 0.3646, 0.5206)
contains.

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Color

Yxy(74.2838, 0.3647, 0.5210)

Conversions

Conversions Part 1

Format	Color
Hex	B5F33F
RGB	181, 243, 63
RGB Percent	71%, 95%, 25%
CMY	0.2903, 0.0470, 0.7530
CMYK	0.26, 0.00, 0.74, 0.05
HSL	81°, 88%, 60%
HSV	81°, 74%, 95%
XYZ	51.9987, 74.2838, 16.2968
YIQ	203.9420, 20.8280, -69.1240

Conversions

Conversions Part 2

Format	Color
R _{YB}	63, 243, 125
Decimal	11924287
CIE Lab	89.06, -43.89, 74.94
CIE LCh	89, 86.852, 120.357
Yxy	74.2838, 0.3647, 0.5210
Android (android.graphics.Color)	4290114367 (0xFFB5F33F)
YUV	203.9420, -69.4844, -20.1201
Hunter-Lab	86.1881, -43.1371, 49.1208

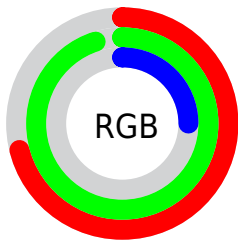
Details

The Yxy color **74.2838, 0.3647, 0.5210** is a light color, and the websafe version is hex **CCFF33**.

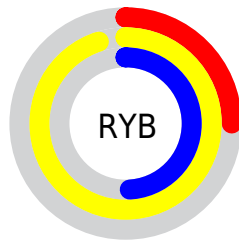
The color can be described as light washed chartreuse. A complement of this color would be **14.3866, 0.2080, 0.1133**, and the grayscale version is **60.7801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6259, 0.3791, 0.4598**, and **39.3288, 0.3609, 0.5517** is the 20% darker color. If you saturate the color by 10%, you get **73.0908, 0.3643, 0.5373**, and if you desaturate by 10%, it is **75.6640, 0.3625, 0.5000**.

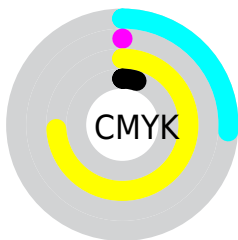
Distribution



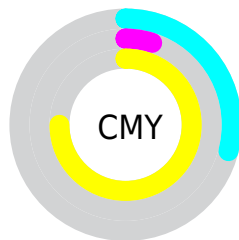
- Red (71%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (49%)



- Cyan (26%)
- Magenta (0%)
- Yellow (74%)
- Black (5%)





- Cyan (29%)
- Magenta (5%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2838, 0.3647, 0.5210 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 Yxy color 74.2838, 0.3647, 0.5210 by changing the saturation by 10% instead.


 74.2838, 0.3647,
0.5210

 74.2838, 0.3647,
0.5210


475.4523, 0.3488,
0.4310

 55.0264, 0.3656,
0.5404


 125.2980, 0.3613,
0.4904


 39.4228, 0.3651,
0.5632


 157.8236, 0.3593,
0.4783


 27.0888, 0.3621,
0.5900


 195.5407, 0.3573,
0.4677

 17.6399, 0.3546,
0.6217

 238.8336, 0.3554,
0.4585

 10.6918, 0.3398,
0.6602

 288.0869, 0.3536,
0.4504

 5.8600, 0.3059,
0.6941

343.6848, 0.3519,

 2.7601, 0.2534,

0.4432

0.7466

406.0118, 0.3503,
0.4367

■ 1.0078, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 74.2838, 0.3647,
0.5210

■ 74.2838, 0.3647,
0.5210

■ 73.0908, 0.3643,
0.5373

■ 75.6640, 0.3625,
0.5000

■ 72.0571, 0.3615,
0.5484

■ 77.2365, 0.3581,
0.4754


■ 71.5063, 0.3590,
0.5532


■ 79.0178, 0.3517,
0.4484


■ 81.0196, 0.3438,
0.4202

 83.2524, 0.3350,
0.3921

 85.7263, 0.3258,
0.3648

 88.4505, 0.3165,
0.3390

 91.2784, 0.3087,
0.3173

 92.5879, 0.3133,
0.3175

Harmonies

Analogous

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



74.2838, 0.4508, 0.4761



74.2838, 0.3647, 0.5210



74.2838, 0.2705, 0.4918

Triad

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



74.2838, 0.3647, 0.5210



74.2838, 0.1468, 0.2083



74.2838, 0.4363, 0.2711

Complementary

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



74.2838, 0.3647, 0.5210



14.3866, 0.2080, 0.1133

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.



74.2838, 0.3302, 0.2188



74.2838, 0.3647, 0.5210



74.2838, 0.1741, 0.1825

Square

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



74.2838, 0.3647, 0.5210



74.2838, 0.1517, 0.2747



74.2838, 0.2353, 0.1876



74.2838, 0.5052, 0.3358

Rectangle

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



74.2838, 0.3647, 0.5210



74.2838, 0.2153, 0.4248



74.2838, 0.2353, 0.1876



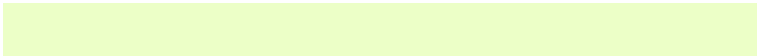
74.2838, 0.4024, 0.2518

Sweetspot

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



74.2871, 0.3647, 0.5210



93.4149, 0.3332, 0.3865



33.5796, 0.5146, 0.3845



19.8409, 0.3357, 0.3940



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2871, 0.3647, 0.5210



80.9267, 0.3631, 0.5437



66.7932, 0.3125, 0.5572



19.0111, 0.3215, 0.3528



39.3187, 0.3599, 0.5524



3.5125, 0.3674, 0.5465

Inverse Universe

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



14.3866, 0.2080, 0.1133



11.1329, 0.1865, 0.0850



24.1721, 0.2898, 0.1543



16.2043, 0.3033, 0.3049



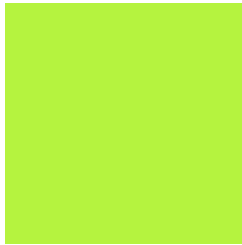
4.6465, 0.1760, 0.0743



0.4631, 0.1896, 0.0818

Previews

White Background



This preview shows how the Yxy color 74.2838, 0.3647, 0.5210 looks on a white background.

Color Contrast Check

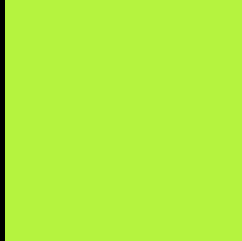
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 74.2838, 0.3647, 0.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

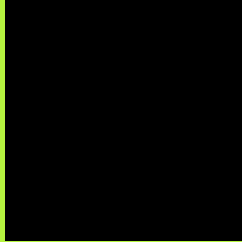
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2838, 0.3647, 0.5210

Background



This preview shows how black text looks on a background with the Yxy color 74.2838, 0.3647, 0.5210.



This preview shows how white text looks on a background with the Yxy color 74.2838, 0.3647, 0.5210.

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

74.2838, 0.3647, 0.5210

Protanopia

73.4048, 0.4305, 0.4747

Deuteranopia

73.5301, 0.3800, 0.3846



Tritanopia

74.0873, 0.2852, 0.3094

Trichromacy



Original Color

74.2838, 0.3647, 0.5210



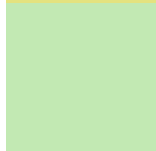
Protanomaly

72.9274, 0.4058, 0.4919



Deuteranomaly

72.4190, 0.3792, 0.4358



Tritanomaly

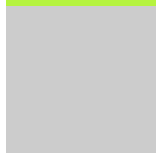
73.0018, 0.3198, 0.3922

Monochromacy



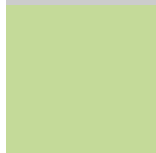
Original Color

74.2838, 0.3647, 0.5210



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

64.1785, 0.3403, 0.4076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2838, 0.3647, 0.5210 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(181, 243, 63)` looks like.

```
.text, #text, p{  
    color:rgb(181, 243, 63)  
}
```

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(181, 243, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 243, 63) }
```

Border

The CSS property to change the border of an element to Yxy 74.2838, 0.3647, 0.5210 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(181, 243, 63) }
```

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

```
.border{ border-color:rgb(181, 243, 63) }
```

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

Here you see how a box with a 4 pixel rgb(181, 243, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 243, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 243, 63);  
box-shadow:4px 4px 4px 4px rgb(181, 243,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2838, 0.3647, 0.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 243, 63) }
```

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

```
.background{ background-color: rgb(181,  
243, 63) }
```

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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