

Converting Colors

$Yxy(74.5452, 0.3838, 0.4903)$

Have a look what the booklet for
Yxy(74.5452, 0.3838, 0.4903)
contains.

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Color

Yxy(74.4339, 0.3842, 0.4902)

Conversions

Conversions Part 1

Format	Color
Hex	D3EC51
RGB	211, 236, 81
RGB Percent	83%, 93%, 32%
CMY	0.1727, 0.0745, 0.6824
CMYK	0.11, 0.00, 0.66, 0.07
HSL	70°, 80%, 62%
HSV	70°, 66%, 93%
XYZ	58.3384, 74.4339, 19.0716
YIQ	210.8550, 34.8550, -53.5050

Conversions

Conversions Part 2

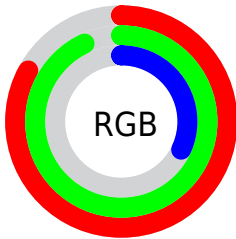
Format	Color
R_{YB}	81, 236, 106
Decimal	13888593
CIE _{Lab}	89.13, -28.21, 69.35
CIE _{LCh}	89, 74.870, 112.137
Yxy	74.4339, 0.3842, 0.4902
Android (android.graphics.Color)	4292078673 (0xFFD3EC51)
YUV	210.8550, -64.0185, 0.1272
Hunter-Lab	86.2751, -30.2813, 47.2862

Details

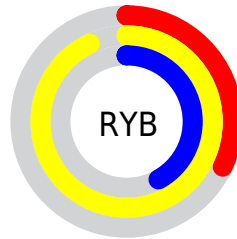
The Yxy color **74.4339, 0.3842, 0.4902** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **15.0036, 0.2002, 0.1250**, and the grayscale version is **65.4519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5861, 0.3814, 0.4426**, and **39.4345, 0.3921, 0.5240** is the 20% darker color. If you saturate the color by 10%, you get **73.5865, 0.3891, 0.5066**, and if you desaturate by 10%, it is **75.4244, 0.3768, 0.4698**.

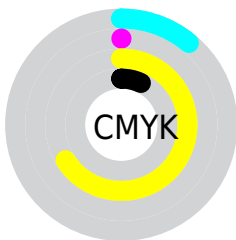
Distribution



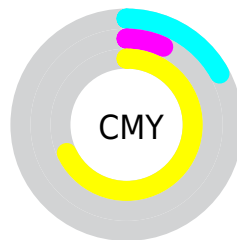
- Red (83%)
- Green (93%)
- Blue (32%)



- Red (32%)
- Yellow (93%)
- Blue (42%)



- Cyan (11%)
- Magenta (0%)
- Yellow (66%)
- Black (7%)





- Cyan (17%)
- Magenta (7%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4339, 0.3842, 0.4902 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 74.4339, 0.3842, 0.4902 by changing the saturation by 10% instead.


 74.4339, 0.3842,
0.4902


 74.4339, 0.3842,
0.4902


475.9696, 0.3571,
0.4162


 55.1492, 0.3882,
0.5059

 125.5107, 0.3764,
0.4653


 39.5212, 0.3920,
0.5243


 158.0716, 0.3729,
0.4553

 27.1654, 0.3946,
0.5458


 195.8268, 0.3697,
0.4467

 17.6975, 0.3947,
0.5706

 239.1605, 0.3667,
0.4390

 10.7330, 0.3941,
0.6059

288.4573, 0.3640,
0.4323

 5.8876, 0.3726,
0.6274


344.1015, 0.3615,


 2.7769, 0.3386,


0.4263


0.6614


406.4774, 0.3592,
0.4210

 1.0164, 0.2109,
0.7891


 0.0000, 0.0000,
0.0000


 74.4339, 0.3842,
0.4902


 74.4339, 0.3842,
0.4902


 73.5865, 0.3891,
0.5066


 75.4244, 0.3768,
0.4698


 72.8585, 0.3914,
0.5185

 76.5595, 0.3673,
0.4464


 72.2367, 0.3912,
0.5258


 77.8526, 0.3564,
0.4210

 71.9901, 0.3906,
0.5280


 79.3132, 0.3444,
0.3947

 80.9497, 0.3320,
0.3685

 82.7700, 0.3196,
0.3430

 84.7814, 0.3076,
0.3188

 86.0017, 0.3047,
0.3102

 86.6813, 0.3072,
0.3104

Harmonies

Analogous

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



74.4339, 0.4536, 0.4462



74.4339, 0.3842, 0.4902



74.4339, 0.3008, 0.4813

Triad

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



74.4339, 0.3842, 0.4902



74.4339, 0.1631, 0.2365



74.4339, 0.3960, 0.2644

Complementary

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



74.4339, 0.3842, 0.4902



15.0036, 0.2002, 0.1250

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.



74.4339, 0.3039, 0.2213



74.4339, 0.3842, 0.4902



74.4339, 0.1799, 0.2027

Square

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



74.4339, 0.3842, 0.4902



74.4339, 0.1772, 0.3069



74.4339, 0.2271, 0.1993



74.4339, 0.4681, 0.3213

Rectangle

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



74.4339, 0.3842, 0.4902



74.4339, 0.2480, 0.4359



74.4339, 0.2271, 0.1993



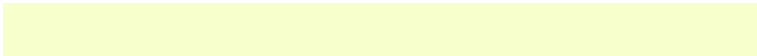
74.4339, 0.3655, 0.2481

Sweetspot

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



74.4373, 0.3842, 0.4902



95.6108, 0.3375, 0.3799



28.3764, 0.5098, 0.3524



20.3479, 0.3410, 0.3874



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.



74.4373, 0.3842, 0.4902



87.3853, 0.3903, 0.5115



65.7630, 0.3306, 0.5237



17.4967, 0.3243, 0.3524



39.7251, 0.3911, 0.5276



3.1523, 0.3953, 0.5244

Inverse Universe

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



15.0036, 0.2002, 0.1250



11.7991, 0.1775, 0.0903



21.8532, 0.2650, 0.1552



14.6657, 0.3005, 0.3048



3.6030, 0.1570, 0.0638



0.3179, 0.1683, 0.0701

Previews

White Background



This preview shows how the Yxy color 74.4339, 0.3842, 0.4902 looks on a white background.

Color Contrast Check

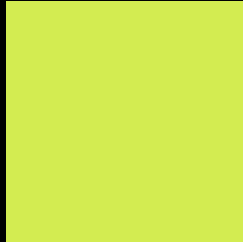
Large Text (above 18pt) WCAG AA × Fail

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 74.4339, 0.3842, 0.4902 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 74.4339, 0.3842, 0.4902

Background



This preview shows how black text looks on a background with the Yxy color 74.4339, 0.3842, 0.4902.



This preview shows how white text looks on a background with the Yxy color 74.4339, 0.3842, 0.4902.

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

74.4339, 0.3842, 0.4902

Protanopia

74.1854, 0.4226, 0.4648

Deuteranopia

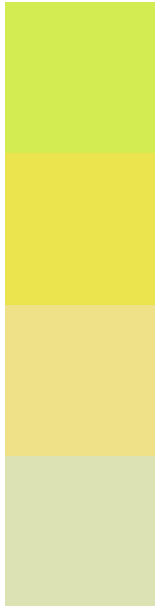
74.1928, 0.3768, 0.3815



Tritanopia

74.2168, 0.3059, 0.3111

Trichromacy



Original Color

74.4339, 0.3842, 0.4902

Protanomaly

73.8842, 0.4088, 0.4738

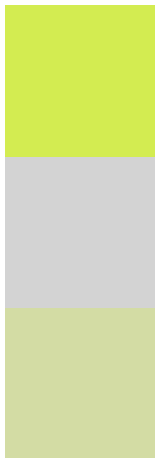
Deuteranomaly

73.9787, 0.3827, 0.4228

Tritanomaly

73.1011, 0.3389, 0.3791

Monochromacy



Original Color

74.4339, 0.3842, 0.4902

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

67.7156, 0.3440, 0.3938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4339, 0.3842, 0.4902 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(211, 236, 81)` looks like.

```
.text, #text, p{  
    color:rgb(211, 236, 81)  
}
```

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(211, 236, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 236, 81) }
```

Border

The CSS property to change the border of an element to Yxy 74.4339, 0.3842, 0.4902 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(211, 236, 81) }
```

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

```
.border{ border-color:rgb(211, 236, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 236, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 236, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 236, 81);  
box-shadow:4px 4px 4px 4px rgb(211, 236,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4339, 0.3842, 0.4902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 236, 81) }
```

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

```
.background{ background-color: rgb(211,  
236, 81) }
```

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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