

Converting Colors

$Yxy(74.3695, 0.3516, 0.4231)$

Have a look what the booklet for
Yxy(74.3695, 0.3516, 0.4231)
contains.

Yxy(74.5939, 0.3520, 0.4234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.5939, 0.3520, 0.4234)

Conversions

Conversions Part 1

Format	Color
Hex	D5E995
RGB	213, 233, 149
RGB Percent	84%, 91%, 58%
CMY	0.1645, 0.0863, 0.4156
CMYK	0.09, 0.00, 0.36, 0.09
HSL	74°, 66%, 75%
HSV	74°, 36%, 91%
XYZ	62.0148, 74.5939, 39.5697
YIQ	217.4440, 15.0440, -30.3640

Conversions

Conversions Part 2

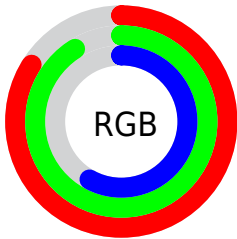
Format	Color
RYB	149, 233, 169
Decimal	14018965
CIELab	89.20, -19.79, 38.66
CIELCh	89, 43.431, 117.111
Yxy	74.5939, 0.3520, 0.4234
Android (android.graphics.Color)	4292209045 (0xFFD5E995)
YUV	217.4440, -33.7429, -3.8974
Hunter-Lab	86.3678, -22.9750, 33.2935

Details

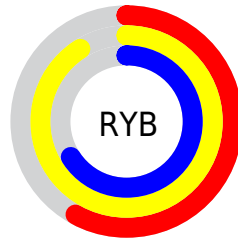
The Yxy color **74.5939, 0.3520, 0.4234** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.8146, 0.2623, 0.2247**, and the grayscale version is **69.9444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **39.4754, 0.3591, 0.4460** is the 20% darker color. If you saturate the color by 10%, you get **73.1120, 0.3615, 0.4498**, and if you desaturate by 10%, it is **76.2596, 0.3415, 0.3963**.

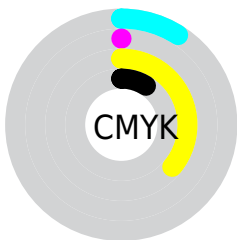
Distribution



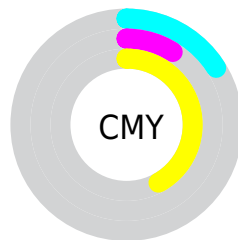
- Red (84%)
- Green (91%)
- Blue (58%)



- Red (58%)
- Yellow (91%)
- Blue (66%)



- Cyan (9%)
- Magenta (0%)
- Yellow (36%)
- Black (9%)





- Cyan (16%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5939, 0.3520, 0.4234 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 74.5939, 0.3520, 0.4234 by changing the saturation by 10% instead.

 74.5939, 0.3520,
0.4234


 74.5939, 0.3520,
0.4234


476.5206, 0.3352,
0.3788

 55.2803, 0.3554,
0.4337


 125.7373, 0.3465,
0.4078

 39.6262, 0.3593,
0.4463


 158.3359, 0.3443,
0.4018

 27.2472, 0.3637,
0.4623


196.1316, 0.3423,
0.3966

 17.7590, 0.3686,
0.4829

239.5088, 0.3406,
0.3921

 10.7771, 0.3736,
0.5101

288.8520, 0.3390,
0.3881

 5.9171, 0.3772,
0.5472


344.5453, 0.3376,

 2.7948, 0.3846,


0.3847


0.6154


406.9734, 0.3363,
0.3816

 1.0255, 0.3211,
0.6789


 0.0000, 0.0000,
0.0000


 74.5939, 0.3520,
0.4234


 74.5939, 0.3520,
0.4234


 73.1120, 0.3615,
0.4498


 76.2596, 0.3415,
0.3963


 71.7946, 0.3695,
0.4745


 78.1076, 0.3304,
0.3696


 70.6350, 0.3755,
0.4964

 80.1490, 0.3193,
0.3439


 69.6218, 0.3790,
0.5143


 82.3912, 0.3085,
0.3196


 68.7415, 0.3799,
0.5275

 84.1453, 0.3043,
0.3071

 67.9777, 0.3783,
0.5361

 85.1327, 0.3079,
0.3074

 67.6969, 0.3773,
0.5386

 86.1500, 0.3116,
0.3076

 86.7540, 0.3137,
0.3078

Harmonies

Analogous

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



74.5939, 0.3946, 0.4092



74.5939, 0.3520, 0.4234



74.5939, 0.3009, 0.4072

Triad

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



74.5939, 0.3520, 0.4234



74.5939, 0.2191, 0.2705



74.5939, 0.3700, 0.2960

Complementary

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



74.5939, 0.3520, 0.4234



35.8146, 0.2623, 0.2247

Split Complementary

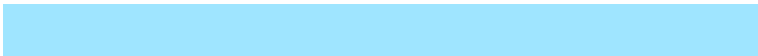
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5939, 0.3180, 0.2653



74.5939, 0.3520, 0.4234



74.5939, 0.2337, 0.2495

Square

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



74.5939, 0.3520, 0.4234



74.5939, 0.2264, 0.3112



74.5939, 0.2685, 0.2485



74.5939, 0.4070, 0.3350

Rectangle

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



74.5939, 0.3520, 0.4234



74.5939, 0.2691, 0.3800



74.5939, 0.2685, 0.2485



74.5939, 0.3534, 0.2845

Sweetspot

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



74.5972, 0.3520, 0.4234



97.0813, 0.3249, 0.3566



47.7247, 0.3916, 0.3516



20.7068, 0.3264, 0.3601



0.0000, 0.0000, 0.0000



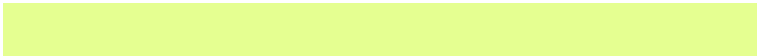
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5972, 0.3520, 0.4234



90.2253, 0.3590, 0.4425



69.1486, 0.3222, 0.4331



17.4362, 0.3231, 0.3525



38.4748, 0.3779, 0.5381



3.0645, 0.3839, 0.5334

Inverse Universe

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



35.8146, 0.2623, 0.2247



36.2806, 0.2497, 0.2009



41.1731, 0.2972, 0.2344



14.7216, 0.3017, 0.3049



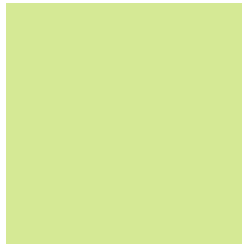
3.8520, 0.1634, 0.0674



0.3456, 0.1768, 0.0748

Previews

White Background



This preview shows how the Yxy color 74.5939, 0.3520, 0.4234 looks on a white background.

Color Contrast Check

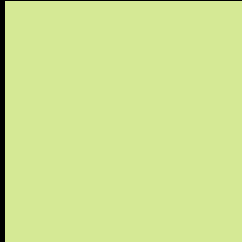
Large Text (above 18pt) WCAG AA × Fail

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 74.5939, 0.3520, 0.4234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

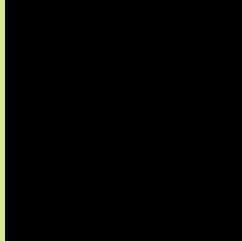
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

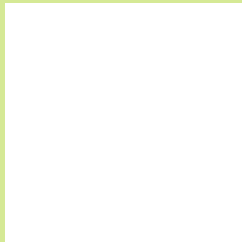
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5939, 0.3520, 0.4234

Background



This preview shows how black text looks on a background with the Yxy color 74.5939, 0.3520, 0.4234.

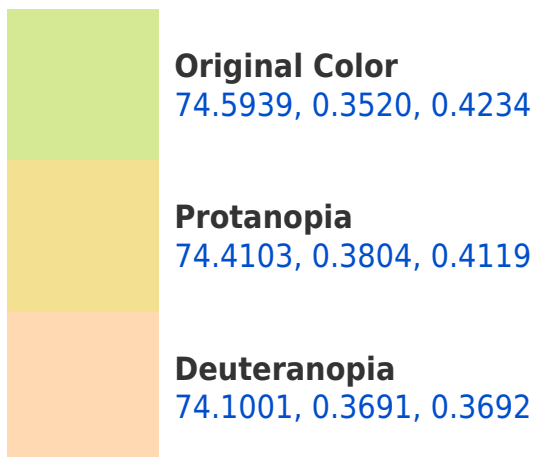


This preview shows how white text looks on a background with the Yxy color 74.5939, 0.3520, 0.4234.

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

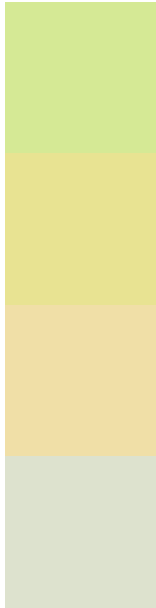




Tritanopia

74.4821, 0.3038, 0.3111

Trichromacy



Original Color

74.5939, 0.3520, 0.4234

Protanomaly

74.1693, 0.3701, 0.4164

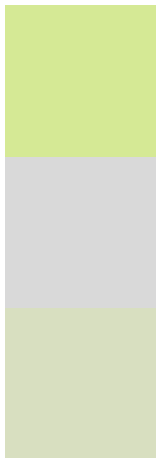
Deuteranomaly

74.0906, 0.3636, 0.3887

Tritanomaly

74.2211, 0.3222, 0.3509

Monochromacy



Original Color

74.5939, 0.3520, 0.4234

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

71.1801, 0.3283, 0.3639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5939, 0.3520, 0.4234 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(213, 233, 149)` looks like.

```
.text, #text, p{  
    color:rgb(213, 233, 149)  
}
```

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(213, 233, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 233, 149) }
```

Border

The CSS property to change the border of an element to Yxy 74.5939, 0.3520, 0.4234 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(213, 233, 149) }
```

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

```
.border{ border-color:rgb(213, 233, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 233, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 233, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 233, 149);  
box-shadow:4px 4px 4px 4px rgb(213, 233,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5939, 0.3520, 0.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 233, 149) }
```

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

```
.background{ background-color: rgb(213,  
233, 149) }
```

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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