

Converting Colors

$Yxy(75.0211, 0.3676, 0.4528)$

Have a look what the booklet for
Yxy(75.0211, 0.3676, 0.4528)
contains.

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Color

Yxy(75.1179, 0.3677, 0.4531)

Conversions

Conversions Part 1

Format	Color
Hex	D6EB7A
RGB	214, 235, 122
RGB Percent	84%, 92%, 48%
CMY	0.1607, 0.0784, 0.5214
CMYK	0.09, 0.00, 0.48, 0.08
HSL	71°, 74%, 70%
HSV	71°, 48%, 92%
XYZ	60.9597, 75.1179, 29.7090
YIQ	215.8390, 23.7570, -39.5950

Conversions

Conversions Part 2

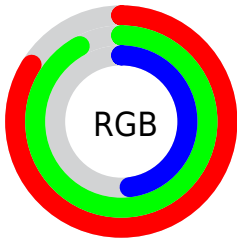
Format	Color
RYB	122, 235, 143
Decimal	14084986
CIELab	89.45, -23.33, 52.09
CIELCh	89, 57.072, 114.123
Yxy	75.1179, 0.3677, 0.4531
Android (android.graphics.Color)	4292275066 (0xFFD6EB7A)
YUV	215.8390, -46.2626, -1.6128
Hunter-Lab	86.6706, -26.1256, 40.3460

Details

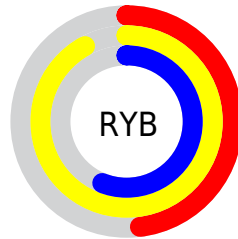
The Yxy color **75.1179, 0.3677, 0.4531** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **25.7660, 0.2363, 0.1829**, and the grayscale version is **68.8693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9543, 0.3591, 0.4057**, and **39.8380, 0.3764, 0.4822** is the 20% darker color. If you saturate the color by 10%, you get **73.9594, 0.3763, 0.4763**, and if you desaturate by 10%, it is **76.4416, 0.3575, 0.4277**.

Distribution



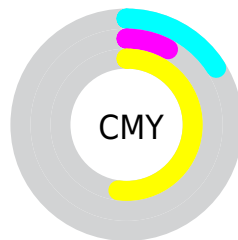
- Red (84%)
- Green (92%)
- Blue (48%)



- Red (48%)
- Yellow (92%)
- Blue (56%)



- Cyan (9%)
- Magenta (0%)
- Yellow (48%)
- Black (8%)





- Cyan (16%)
- Magenta (8%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1179, 0.3677, 0.4531 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 75.1179, 0.3677, 0.4531 by changing the saturation by 10% instead.


 75.1179, 0.3677,
0.4531


 75.1179, 0.3677,
0.4531


478.3227, 0.3451,
0.3950

 55.7095, 0.3719,
0.4661


 126.4792, 0.3606,
0.4331

 39.9700, 0.3764,
0.4819


 159.2010, 0.3576,
0.4252

 27.5152, 0.3811,
0.5013


 197.1292, 0.3550,
0.4184

 17.9605, 0.3854,
0.5253

240.6484, 0.3526,
0.4125

 10.9216, 0.3878,
0.5552

290.1430, 0.3504,
0.4074

 6.0142, 0.3939,
0.6061


345.9973, 0.3485,

 2.8537, 0.3664,


0.4028


0.6336


408.5957, 0.3467,
0.3987


 1.0558, 0.2869,
0.7131


 0.0000, 0.0000,
0.0000


 75.1179, 0.3677,
0.4531

 75.1179, 0.3677,
0.4531

 73.9594, 0.3763,
0.4763


 76.4416, 0.3575,
0.4277


 72.9456, 0.3827,
0.4964

 77.9297, 0.3462,
0.4013

 72.0678, 0.3866,
0.5122


 79.5943, 0.3343,
0.3748


 71.3121, 0.3878,
0.5235

 81.4434, 0.3223,
0.3489


 70.6592, 0.3867,
0.5303


 83.4845, 0.3105,
0.3244

 70.5395, 0.3864,
0.5314

 85.1962, 0.3039,
0.3091

 85.9699, 0.3068,
0.3093

 86.7621, 0.3096,
0.3095

 87.5729, 0.3125,
0.3097

Harmonies

Analogous

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



75.1179, 0.4217, 0.4270



75.1179, 0.3677, 0.4531



75.1179, 0.3021, 0.4385

Triad

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



75.1179, 0.3677, 0.4531



75.1179, 0.1935, 0.2561



75.1179, 0.3811, 0.2817

Complementary

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



75.1179, 0.3677, 0.4531



25.7660, 0.2363, 0.1829

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.



75.1179, 0.3117, 0.2452



75.1179, 0.3677, 0.4531



75.1179, 0.2090, 0.2286

Square

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



75.1179, 0.3677, 0.4531



75.1179, 0.2046, 0.3102



75.1179, 0.2497, 0.2261



75.1179, 0.4333, 0.3292

Rectangle

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



75.1179, 0.3677, 0.4531



75.1179, 0.2607, 0.4036



75.1179, 0.2497, 0.2261



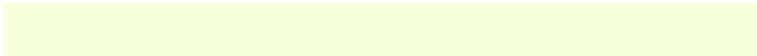
75.1179, 0.3585, 0.2679

Sweetspot

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



75.1213, 0.3677, 0.4531



96.6748, 0.3294, 0.3643



38.6362, 0.4341, 0.3526



20.5913, 0.3321, 0.3699



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.



75.1213, 0.3677, 0.4531



89.0026, 0.3764, 0.4768



68.0709, 0.3274, 0.4713



17.4774, 0.3239, 0.3525



39.3115, 0.3869, 0.5310



3.1235, 0.3916, 0.5272

Inverse Universe

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



25.7660, 0.2363, 0.1829



22.8707, 0.2167, 0.1491



32.0987, 0.2847, 0.2005



14.6834, 0.3009, 0.3048



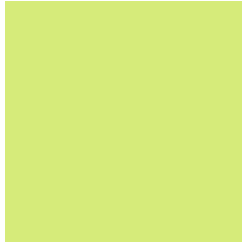
3.6718, 0.1588, 0.0648



0.3263, 0.1709, 0.0715

Previews

White Background



This preview shows how the Yxy color 75.1179, 0.3677, 0.4531 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 75.1179, 0.3677, 0.4531 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 75.1179, 0.3677, 0.4531

Background



This preview shows how black text looks on a background with the Yxy color 75.1179, 0.3677, 0.4531.



This preview shows how white text looks on a background with the Yxy color 75.1179, 0.3677, 0.4531.

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

75.1179, 0.3677, 0.4531

Protanopia

74.9326, 0.3998, 0.4370

Deuteranopia

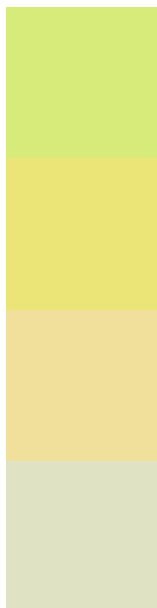
74.4980, 0.3710, 0.3733



Tritanopia

74.9685, 0.3059, 0.3112

Trichromacy



Original Color

75.1179, 0.3677, 0.4531

Protanomaly

75.0327, 0.3879, 0.4437

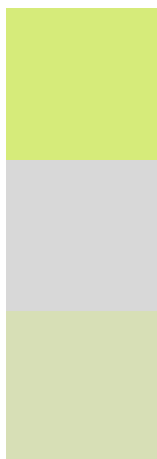
Deuteranomaly

74.2369, 0.3708, 0.4013

Tritanomaly

74.6117, 0.3302, 0.3630

Monochromacy



Original Color

75.1179, 0.3677, 0.4531

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

70.5998, 0.3343, 0.3755

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1179, 0.3677, 0.4531 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(214, 235, 122)` looks like.

```
.text, #text, p{  
    color:rgb(214, 235, 122)  
}
```

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(214, 235, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 235, 122) }
```

Border

The CSS property to change the border of an element to Yxy 75.1179, 0.3677, 0.4531 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(214, 235, 122) }
```

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

```
.border{ border-color:rgb(214, 235, 122) }
```

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

Here you see how a box with a 4 pixel rgb(214, 235, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 235, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 235, 122);  
box-shadow:4px 4px 4px 4px rgb(214, 235,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1179, 0.3677, 0.4531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 235, 122) }
```

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

```
.background{ background-color: rgb(214,  
235, 122) }
```

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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