

Converting Colors

$Yxy(74.0991, 0.3503, 0.4592)$

Have a look what the booklet for
Yxy(74.0991, 0.3503, 0.4592)
contains.

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Color

Yxy(74.0991, 0.3503, 0.4592)

Conversions

Conversions Part 1

Format	Color
Hex	C2EE7D
RGB	194, 238, 125
RGB Percent	76%, 93%, 49%
CMY	0.2392, 0.0667, 0.5096
CMYK	0.18, 0.00, 0.47, 0.07
HSL	83°, 77%, 71%
HSV	83°, 47%, 93%
XYZ	56.5264, 74.0991, 30.7402
YIQ	211.9620, 10.0490, -44.4710

Conversions

Conversions Part 2

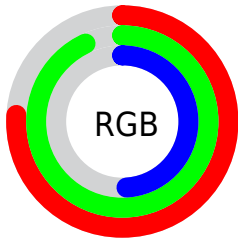
Format	Color
RYB	125, 238, 169
Decimal	12775037
CIELab	88.97, -31.98, 49.78
CIELCh	89, 59.165, 122.717
Yxy	74.0991, 0.3503, 0.4592
Android (android.graphics.Color)	4290965117 (0xFFC2EE7D)
YUV	211.9620, -42.8723, -15.7527
Hunter-Lab	86.0808, -33.4265, 39.0837

Details

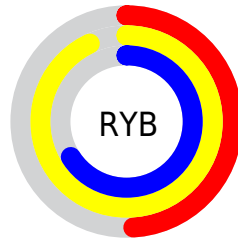
The Yxy color **74.0991, 0.3503, 0.4592** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **29.2933, 0.2560, 0.1916**, and the grayscale version is **66.1014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5107, 0.3553, 0.4033**, and **39.3402, 0.3545, 0.4908** is the 20% darker color. If you saturate the color by 10%, you get **72.3761, 0.3553, 0.4864**, and if you desaturate by 10%, it is **76.0510, 0.3437, 0.4307**.

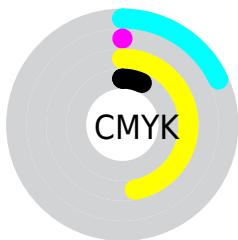
Distribution



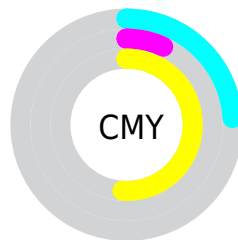
- Red (76%)
- Green (93%)
- Blue (49%)



- Red (49%)
- Yellow (93%)
- Blue (66%)



- Cyan (18%)
- Magenta (0%)
- Yellow (47%)
- Black (7%)





- Cyan (24%)
- Magenta (7%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0991, 0.3503, 0.4592 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 74.0991, 0.3503, 0.4592 by changing the saturation by 10% instead.


 74.0991, 0.3503,
0.4592


 74.0991, 0.3503,
0.4592


474.8153, 0.3358,
0.3969


 54.8752, 0.3526,
0.4735


 125.0363, 0.3460,
0.4374

 39.3018, 0.3549,
0.4912


 157.5183, 0.3441,
0.4290

 26.9946, 0.3568,
0.5132


 195.1885, 0.3424,
0.4217

 17.5691, 0.3576,
0.5413

238.4312, 0.3408,
0.4155

 10.6411, 0.3553,
0.5774

287.6308, 0.3394,
0.4100

 5.8261, 0.3558,
0.6429


343.1718, 0.3381,

 2.7396, 0.3173,


0.4051


0.6827


405.4385, 0.3369,
0.4008


 0.9973, 0.1406,
0.8594


 0.0000, 0.0000,
0.0000


 74.0991, 0.3503,
0.4592


 74.0991, 0.3503,
0.4592

 72.3761, 0.3553,
0.4864


 76.0510, 0.3437,
0.4307


 70.8601, 0.3583,
0.5108


 78.2327, 0.3360,
0.4019


 69.5411, 0.3589,
0.5311


 80.6577, 0.3276,
0.3740

 68.4034, 0.3571,
0.5465


 83.3352, 0.3191,
0.3475

 67.4268, 0.3530,
0.5567

 86.2741, 0.3106,
0.3229

 67.1968, 0.3518,
0.5589

 88.6272, 0.3100,
0.3125

 89.6313, 0.3135,
0.3127

Harmonies

Analogous

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



74.0991, 0.4118, 0.4414



74.0991, 0.3503, 0.4592



74.0991, 0.2822, 0.4301

Triad

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



74.0991, 0.3503, 0.4592



74.0991, 0.1912, 0.2421



74.0991, 0.4025, 0.2930

Complementary

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



74.0991, 0.3503, 0.4592



29.2933, 0.2560, 0.1916

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.



74.0991, 0.3324, 0.2514



74.0991, 0.3503, 0.4592



74.0991, 0.2147, 0.2217

Square

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



74.0991, 0.3503, 0.4592



74.0991, 0.1945, 0.2904



74.0991, 0.2637, 0.2261



74.0991, 0.4471, 0.3439

Rectangle

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



74.0991, 0.3503, 0.4592



74.0991, 0.2423, 0.3868



74.0991, 0.2637, 0.2261



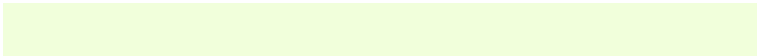
74.0991, 0.3806, 0.2778

Sweetspot

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



74.1024, 0.3503, 0.4592



95.3673, 0.3247, 0.3648



47.7934, 0.4187, 0.3773



20.2711, 0.3266, 0.3706



0.0000, 0.0000, 0.0000



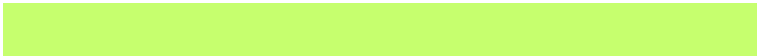
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1024, 0.3503, 0.4592



84.6950, 0.3552, 0.4857



68.0557, 0.3132, 0.4758



18.1338, 0.3208, 0.3528



37.5646, 0.3528, 0.5581



3.1823, 0.3615, 0.5512

Inverse Universe

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



29.2933, 0.2560, 0.1916



26.4332, 0.2409, 0.1617



36.8320, 0.3059, 0.2095



15.5290, 0.3040, 0.3050



4.8035, 0.1828, 0.0781



0.4554, 0.1975, 0.0862

Previews

White Background



This preview shows how the Yxy color 74.0991, 0.3503, 0.4592 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 74.0991, 0.3503, 0.4592 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 74.0991, 0.3503, 0.4592

Background



This preview shows how black text looks on a background with the Yxy color 74.0991, 0.3503, 0.4592.

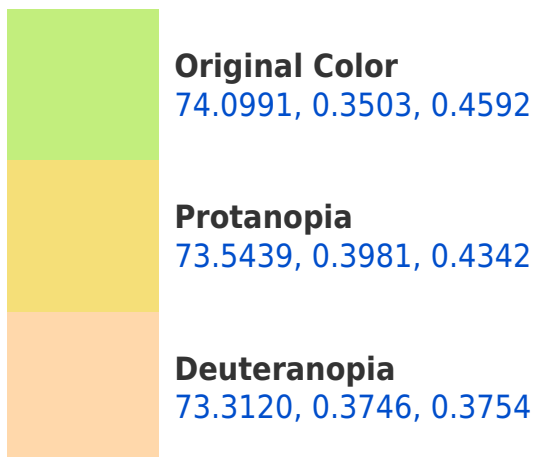


This preview shows how white text looks on a background with the Yxy color 74.0991, 0.3503, 0.4592.

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

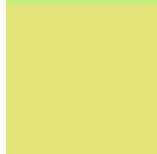
74.0231, 0.2914, 0.3096

Trichromacy



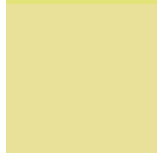
Original Color

74.0991, 0.3503, 0.4592



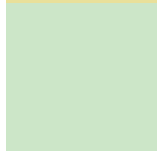
Protanomaly

73.0607, 0.3798, 0.4431



Deuteranomaly

72.9680, 0.3667, 0.4049



Tritanomaly

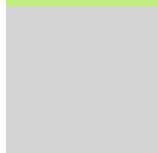
73.6011, 0.3138, 0.3631

Monochromacy



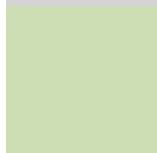
Original Color

74.0991, 0.3503, 0.4592



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.9873, 0.3285, 0.3768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0991, 0.3503, 0.4592 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(194, 238, 125)` looks like.

```
.text, #text, p{  
    color:rgb(194, 238, 125)  
}
```

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(194, 238, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 238, 125) }
```

Border

The CSS property to change the border of an element to Yxy 74.0991, 0.3503, 0.4592 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(194, 238, 125) }
```

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

```
.border{ border-color:rgb(194, 238, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 238, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 238, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 238, 125);  
box-shadow:4px 4px 4px 4px rgb(194, 238,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0991, 0.3503, 0.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 238, 125) }
```

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

```
.background{ background-color: rgb(194,  
238, 125) }
```

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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