

Converting Colors

$Yxy(75.8474, 0.3494, 0.4341)$

Have a look what the booklet for
Yxy(75.8474, 0.3494, 0.4341)
contains.

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Color

Yxy(75.8474, 0.3494, 0.4341)

Conversions

Conversions Part 1

Format	Color
Hex	CFED90
RGB	207, 237, 144
RGB Percent	81%, 93%, 56%
CMY	0.1883, 0.0706, 0.4351
CMYK	0.13, 0.00, 0.39, 0.07
HSL	79°, 72%, 75%
HSV	79°, 39%, 93%
XYZ	61.0483, 75.8474, 37.8276
YIQ	217.4280, 11.9730, -35.2830

Conversions

Conversions Part 2

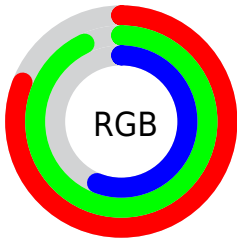
Format	Color
RYB	144, 237, 174
Decimal	13626768
CIELab	89.79, -24.58, 41.80
CIELCh	90, 48.489, 120.463
Yxy	75.8474, 0.3494, 0.4341
Android (android.graphics.Color)	4291816848 (0xFFCFED90)
YUV	217.4280, -36.2000, -9.1454
Hunter-Lab	87.0904, -27.2839, 35.2108

Details

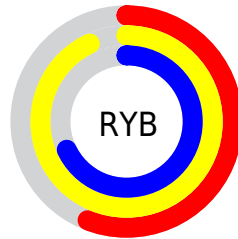
The Yxy color **75.8474, 0.3494, 0.4341** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **35.0855, 0.2631, 0.2159**, and the grayscale version is **69.9463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **40.3998, 0.3552, 0.4596** is the 20% darker color. If you saturate the color by 10%, you get **74.1240, 0.3570, 0.4615**, and if you desaturate by 10%, it is **77.7832, 0.3407, 0.4061**.

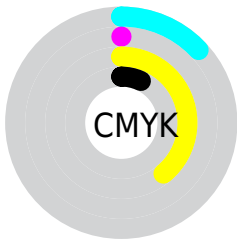
Distribution



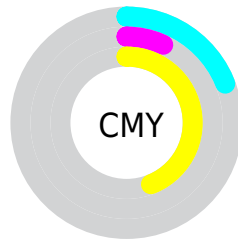
- Red (81%)
- Green (93%)
- Blue (56%)



- Red (56%)
- Yellow (93%)
- Blue (68%)



- Cyan (13%)
- Magenta (0%)
- Yellow (39%)
- Black (7%)




- Cyan (19%)
- Magenta (7%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.8474, 0.3494, 0.4341 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 75.8474, 0.3494, 0.4341 by changing the saturation by 10% instead.


 75.8474, 0.3494,
0.4341

 75.8474, 0.3494,
0.4341


480.8252, 0.3343,
0.3843

 56.3074, 0.3523,
0.4456


 127.5112, 0.3446,
0.4167

 40.4494, 0.3555,
0.4597


 160.4037, 0.3426,
0.4100

 27.8891, 0.3589,
0.4775


198.5159, 0.3408,
0.4042

 18.2421, 0.3623,
0.5004

242.2321, 0.3392,
0.3991

 11.1239, 0.3649,
0.5306

291.9368, 0.3378,
0.3947

 6.1503, 0.3652,
0.5726


348.0142, 0.3365,

 2.9367, 0.3609,


0.3908


0.6391

410.8489, 0.3353,
0.3874


 1.0988, 0.2812,
0.7188


 0.0000, 0.0000,
0.0000


 75.8474, 0.3494,
0.4341


 75.8474, 0.3494,
0.4341


 74.1240, 0.3570,
0.4615


 77.7832, 0.3407,
0.4061


 72.5925, 0.3628,
0.4870


 79.9308, 0.3313,
0.3785

 71.2448, 0.3665,
0.5095


 82.3023, 0.3216,
0.3520

 70.0680, 0.3677,
0.5277


 84.9060, 0.3120,
0.3271

 69.0469, 0.3664,
0.5410

 87.2534, 0.3072,
0.3113

 68.1580, 0.3629,
0.5497

 88.6613, 0.3122,
0.3116

 68.0921, 0.3626,
0.5503

 89.0536, 0.3135,
0.3117

Harmonies

Analogous

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



75.8474, 0.3985, 0.4204



75.8474, 0.3494, 0.4341



75.8474, 0.2930, 0.4124

Triad

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



75.8474, 0.3494, 0.4341



75.8474, 0.2105, 0.2603



75.8474, 0.3820, 0.2968

Complementary

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



75.8474, 0.3494, 0.4341



35.0855, 0.2631, 0.2159

Split Complementary

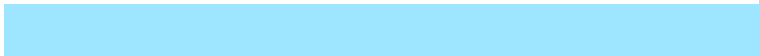
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8474, 0.3249, 0.2621



75.8474, 0.3494, 0.4341



75.8474, 0.2290, 0.2403

Square

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



75.8474, 0.3494, 0.4341



75.8474, 0.2156, 0.3027



75.8474, 0.2691, 0.2419



75.8474, 0.4203, 0.3399

Rectangle

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



75.8474, 0.3494, 0.4341



75.8474, 0.2589, 0.3798



75.8474, 0.2691, 0.2419



75.8474, 0.3641, 0.2840

Sweetspot

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



75.8508, 0.3494, 0.4341



96.3565, 0.3243, 0.3593



50.0960, 0.3978, 0.3623



20.5445, 0.3256, 0.3628



0.0000, 0.0000, 0.0000



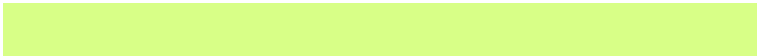
21.4041, 0.3127, 0.3290

Same Dimension

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



75.8508, 0.3494, 0.4341



87.9149, 0.3555, 0.4560



70.1756, 0.3177, 0.4455



17.3689, 0.3218, 0.3526



37.2463, 0.3635, 0.5496



2.9762, 0.3714, 0.5433

Inverse Universe

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



35.0855, 0.2631, 0.2159



33.5738, 0.2502, 0.1902



41.2876, 0.3022, 0.2278



14.7852, 0.3030, 0.3050



4.2527, 0.1733, 0.0728



0.3841, 0.1882, 0.0811

Previews

White Background



This preview shows how the Yxy color 75.8474, 0.3494, 0.4341 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 75.8474, 0.3494, 0.4341 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

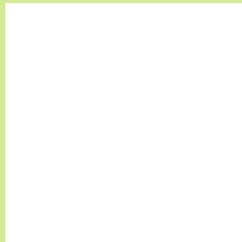
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8474, 0.3494, 0.4341

Background



This preview shows how black text looks on a background with the Yxy color 75.8474, 0.3494, 0.4341.

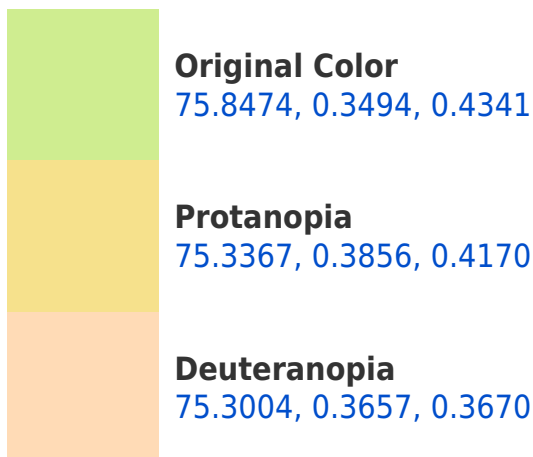


This preview shows how white text looks on a background with the Yxy color 75.8474, 0.3494, 0.4341.

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

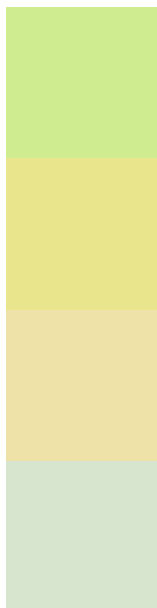




Tritanopia

75.5371, 0.2980, 0.3100

Trichromacy



Original Color

75.8474, 0.3494, 0.4341

Protanomaly

75.1175, 0.3726, 0.4233

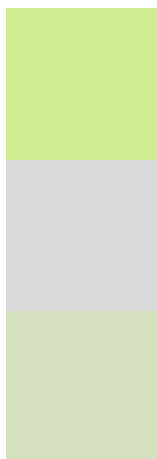
Deuteranomaly

75.3970, 0.3605, 0.3910

Tritanomaly

74.9907, 0.3171, 0.3533

Monochromacy



Original Color

75.8474, 0.3494, 0.4341

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

71.1751, 0.3273, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8474, 0.3494, 0.4341 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(207, 237, 144)` looks like.

```
.text, #text, p{  
    color:rgb(207, 237, 144)  
}
```

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(207, 237, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 237, 144) }
```

Border

The CSS property to change the border of an element to Yxy 75.8474, 0.3494, 0.4341 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(207, 237, 144) }
```

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

```
.border{ border-color:rgb(207, 237, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 237, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 237, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 237, 144);  
box-shadow:4px 4px 4px 4px rgb(207, 237,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8474, 0.3494, 0.4341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 237, 144) }
```

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

```
.background{ background-color: rgb(207,  
237, 144) }
```

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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