

Converting Colors

$Yxy(79.1743, 0.3547, 0.4089)$

Have a look what the booklet for
Yxy(79.1743, 0.3547, 0.4089)
contains.

Yxy(79.2576, 0.3549, 0.4087)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.2576, 0.3549, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	E5ECA2
RGB	229, 236, 162
RGB Percent	90%, 93%, 64%
CMY	0.1020, 0.0745, 0.3648
CMYK	0.03, 0.00, 0.31, 0.07
HSL	66°, 66%, 78%
HSV	66°, 31%, 93%
XYZ	68.8244, 79.2576, 45.8441
YIQ	225.4710, 19.5820, -24.4980

Conversions

Conversions Part 2

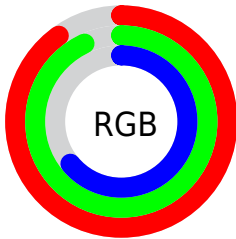
Format	Color
R _Y B	162, 236, 169
Decimal	15068322
CIE Lab	91.35, -13.73, 35.19
CIE LCh	91, 37.769, 111.312
Yxy	79.2576, 0.3549, 0.4087
Android (android.graphics.Color)	4293258402 (0xFFE5ECA2)
YUV	225.4710, -31.2912, 3.0949
Hunter-Lab	89.0267, -17.8028, 31.7875

Details

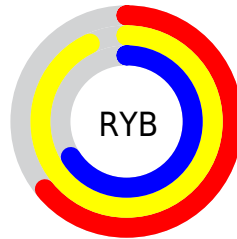
The Yxy color **79.2576, 0.3549, 0.4087** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **40.3280, 0.2620, 0.2378**, and the grayscale version is **75.8701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **42.6309, 0.3641, 0.4275** is the 20% darker color. If you saturate the color by 10%, you get **78.1329, 0.3676, 0.4338**, and if you desaturate by 10%, it is **80.5517, 0.3415, 0.3829**.

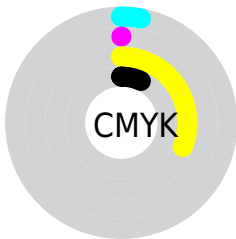
Distribution



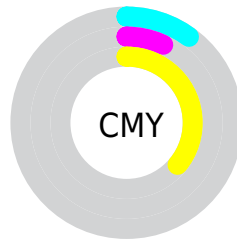
- Red (90%)
- Green (93%)
- Blue (64%)



- Red (64%)
- Yellow (93%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)





- Cyan (10%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2576, 0.3549, 0.4087 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 79.2576, 0.3549, 0.4087 by changing the saturation by 10% instead.


 79.2576, 0.3549,
0.4087

 79.2576, 0.3549,
0.4087


492.4274, 0.3365,
0.3718

 59.1076, 0.3588,
0.4171

 132.3214, 0.3488,
0.3959

 42.6998, 0.3633,
0.4273


 166.0041, 0.3463,
0.3909

 29.6496, 0.3687,
0.4401


204.9665, 0.3442,
0.3866

 19.5728, 0.3752,
0.4565

249.5929, 0.3423,
0.3829

 12.0849, 0.3828,
0.4781

300.2678, 0.3406,
0.3796

 6.8015, 0.3911,
0.5071

357.3756, 0.3391,

 3.3383, 0.4130,

0.3767

0.5677

421.3007, 0.3377,
0.3741

■ 1.3108, 0.3960,
0.6040

■ 0.1495, 0.0000,
1.0000

■ 79.2576, 0.3549,
0.4087

■ 79.2576, 0.3549,
0.4087

■ 78.1329, 0.3676,
0.4338

■ 80.5517, 0.3415,
0.3829

■ 77.1580, 0.3790,
0.4571


■ 82.0127, 0.3279,
0.3572


■ 76.3268, 0.3885,
0.4776

■ 83.6517, 0.3145,
0.3323

■ 75.6284, 0.3958,
0.4943


■ 85.3862, 0.3025,
0.3101

 75.0504, 0.4004,
0.5068

 85.7765, 0.3039,
0.3102

 74.5778, 0.4024,
0.5147

 86.1717, 0.3054,
0.3102

 74.2338, 0.4025,
0.5186

 86.5717, 0.3068,
0.3103

 86.9766, 0.3083,
0.3104

 87.3864, 0.3097,
0.3105

Harmonies

Analogous

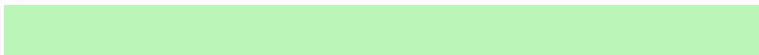
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2576, 0.3882, 0.3937



79.2576, 0.3549, 0.4087



79.2576, 0.3117, 0.3995

Triad

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



79.2576, 0.3549, 0.4087



79.2576, 0.2315, 0.2850



79.2576, 0.3536, 0.2948

Complementary

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



79.2576, 0.3549, 0.4087



40.3280, 0.2620, 0.2378

Split Complementary

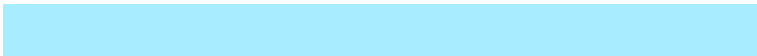
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2576, 0.3088, 0.2699



79.2576, 0.3549, 0.4087



79.2576, 0.2406, 0.2628

Square

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



79.2576, 0.3549, 0.4087



79.2576, 0.2419, 0.3227



79.2576, 0.2679, 0.2582



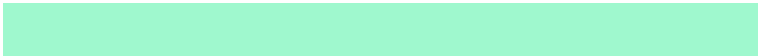
79.2576, 0.3885, 0.3281

Rectangle

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



79.2576, 0.3549, 0.4087



79.2576, 0.2833, 0.3794



79.2576, 0.2679, 0.2582



79.2576, 0.3391, 0.2853

Sweetspot

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



79.2612, 0.3549, 0.4087



98.1980, 0.3247, 0.3513



48.5044, 0.3822, 0.3362



20.9596, 0.3267, 0.3550



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

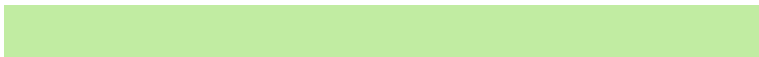
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2612, 0.3549, 0.4087



93.5482, 0.3636, 0.4259



73.9211, 0.3289, 0.4159



17.5500, 0.3253, 0.3524



40.9452, 0.4028, 0.5184



3.2364, 0.4052, 0.5165

Inverse Universe

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



40.3280, 0.2620, 0.2378



39.9564, 0.2487, 0.2147



44.8943, 0.2905, 0.2448



14.6173, 0.2994, 0.3047



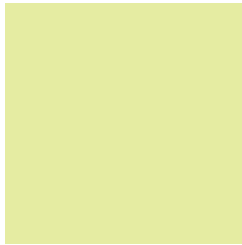
3.4592, 0.1532, 0.0618



0.2950, 0.1609, 0.0660

Previews

White Background



This preview shows how the Yxy color 79.2576, 0.3549, 0.4087 looks on a white background.

Color Contrast Check

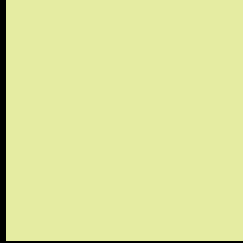
Large Text (above 18pt) WCAG AA × Fail

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 79.2576, 0.3549, 0.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

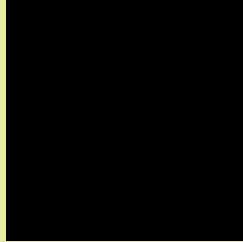
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2576, 0.3549, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 79.2576, 0.3549, 0.4087.

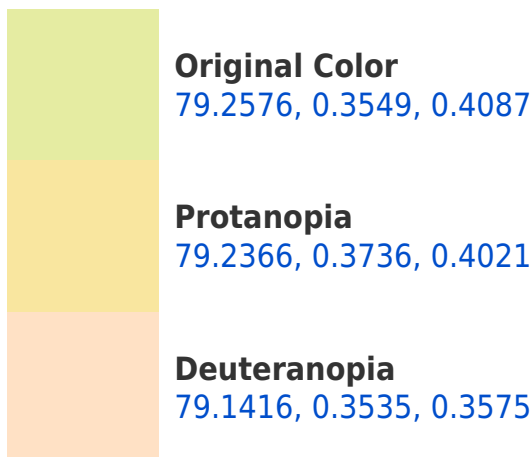


This preview shows how white text looks on a background with the Yxy color 79.2576, 0.3549, 0.4087.

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

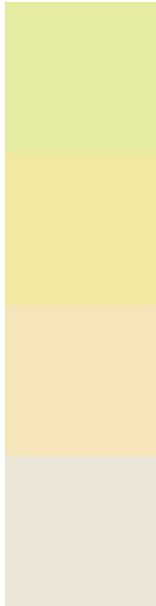




Tritanopia

79.2145, 0.3108, 0.3117

Trichromacy



Original Color

79.2576, 0.3549, 0.4087

Protanomaly

79.1285, 0.3670, 0.4043

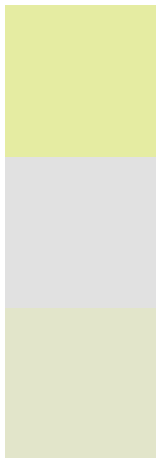
Deuteranomaly

79.0921, 0.3548, 0.3758

Tritanomaly

79.1108, 0.3265, 0.3458

Monochromacy



Original Color

79.2576, 0.3549, 0.4087

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.4716, 0.3281, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2576, 0.3549, 0.4087 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(229, 236, 162)` looks like.

```
.text, #text, p{  
    color:rgb(229, 236, 162)  
}
```

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(229, 236, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 236, 162) }
```

Border

The CSS property to change the border of an element to Yxy 79.2576, 0.3549, 0.4087 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(229, 236, 162) }
```

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

```
.border{ border-color:rgb(229, 236, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 236, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 236, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 236, 162);  
box-shadow:4px 4px 4px 4px rgb(229, 236,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2576, 0.3549, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 236, 162) }
```

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

```
.background{ background-color: rgb(229,  
236, 162) }
```

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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