

Converting Colors

$Yxy(86.0660, 0.3523, 0.4056)$

Have a look what the booklet for
Yxy(86.0660, 0.3523, 0.4056)
contains.

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Color

Yxy(86.2496, 0.3528, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	EDF5AB
RGB	237, 245, 171
RGB Percent	93%, 96%, 67%
CMY	0.0705, 0.0392, 0.3296
CMYK	0.03, 0.00, 0.30, 0.04
HSL	66°, 79%, 82%
HSV	66°, 30%, 96%
XYZ	74.9295, 86.2496, 51.2061
YIQ	234.1720, 18.9860, -24.7100

Conversions

Conversions Part 2

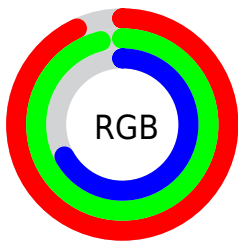
Format	Color
RYB	171, 245, 179
Decimal	15594923
CIELab	94.42, -14.05, 34.85
CIElCh	94, 37.573, 111.960
Yxy	86.2496, 0.3528, 0.4061
Android (android.graphics.Color)	4293785003 (0xFFEDF5AB)
YUV	234.1720, -31.1438, 2.4802
Hunter-Lab	92.8707, -18.5071, 32.3188

Details

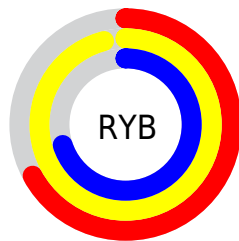
The Yxy color **86.2496, 0.3528, 0.4061** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **45.2812, 0.2647, 0.2416**, and the grayscale version is **82.6480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **47.4065, 0.3602, 0.4238** is the 20% darker color. If you saturate the color by 10%, you get **84.9528, 0.3654, 0.4315**, and if you desaturate by 10%, it is **87.7339, 0.3396, 0.3801**.

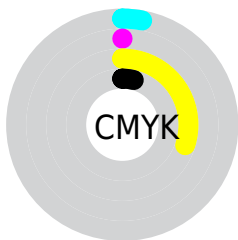
Distribution



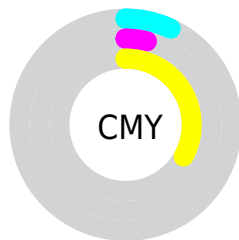
- Red (93%)
- Green (96%)
- Blue (67%)



- Red (67%)
- Yellow (96%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (30%)
- Black (4%)




- Cyan (7%)
- Magenta (4%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.2496, 0.3528, 0.4061 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 86.2496, 0.3528, 0.4061 by changing the saturation by 10% instead.


 86.2496, 0.3528,
0.4061

 86.2496, 0.3528,
0.4061


515.7539, 0.3356,
0.3709

 64.8744, 0.3564,
0.4140


 142.1177, 0.3471,
0.3940

 47.3592, 0.3606,
0.4235


177.3795, 0.3448,
0.3893

 33.3197, 0.3656,
0.4355


218.0388, 0.3428,
0.3852

 22.3715, 0.3715,
0.4506


264.4802, 0.3410,
0.3816

 14.1301, 0.3786,
0.4704

317.0880, 0.3394,
0.3784

 8.2112, 0.3866,
0.4970

376.2466, 0.3380,

 4.2304, 0.3974,

0.3756

0.5381

442.3405, 0.3367,
0.3731

■ 1.8033, 0.4035,
0.5965

■ 0.4892, 0.1996,
0.8004

■ 86.2496, 0.3528,
0.4061

■ 86.2496, 0.3528,
0.4061

■ 84.9528, 0.3654,
0.4315

■ 87.7339, 0.3396,
0.3801

■ 83.8224, 0.3767,
0.4553

■ 89.4032, 0.3262,
0.3544

■ 82.8517, 0.3863,
0.4764

■ 91.2694, 0.3130,
0.3295

■ 82.0290, 0.3936,
0.4939


■ 92.4081, 0.3084,
0.3193

 81.3407, 0.3982,
0.5071

 92.8934, 0.3101,
0.3193

 80.7708, 0.4003,
0.5158

 93.3856, 0.3118,
0.3194

 80.3021, 0.4002,
0.5205

 93.7870, 0.3132,
0.3194

Harmonies

Analogous

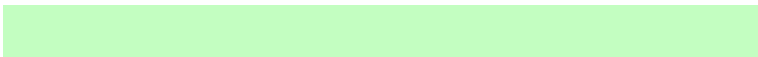
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2496, 0.3853, 0.3922



86.2496, 0.3528, 0.4061



86.2496, 0.3109, 0.3965

Triad

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



86.2496, 0.3528, 0.4061



86.2496, 0.2340, 0.2859



86.2496, 0.3532, 0.2965

Complementary

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



86.2496, 0.3528, 0.4061



45.2812, 0.2647, 0.2416

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.



86.2496, 0.3099, 0.2721



86.2496, 0.3528, 0.4061



86.2496, 0.2433, 0.2646

Square

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



86.2496, 0.3528, 0.4061



86.2496, 0.2437, 0.3221



86.2496, 0.2701, 0.2604



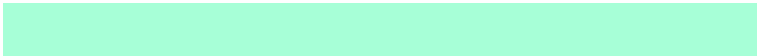
86.2496, 0.3865, 0.3289

Rectangle

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



86.2496, 0.3528, 0.4061



86.2496, 0.2835, 0.3769



86.2496, 0.2701, 0.2604



86.2496, 0.3392, 0.2872

Sweetspot

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



86.2535, 0.3528, 0.4061



98.1426, 0.3246, 0.3513



54.3383, 0.3786, 0.3373



20.9459, 0.3265, 0.3550



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

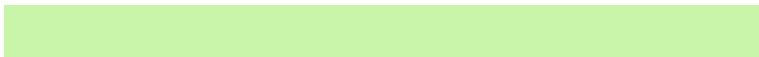
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2535, 0.3528, 0.4061



93.6019, 0.3603, 0.4211



80.6049, 0.3276, 0.4128



19.2175, 0.3252, 0.3525



43.2961, 0.4005, 0.5202



3.8308, 0.4030, 0.5182

Inverse Universe

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



45.2812, 0.2647, 0.2416



42.3811, 0.2535, 0.2218



50.2096, 0.2924, 0.2481



16.0122, 0.2996, 0.3046



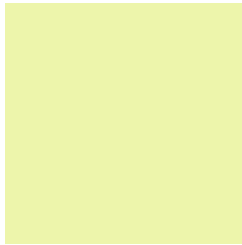
3.7011, 0.1537, 0.0621



0.3530, 0.1614, 0.0663

Previews

White Background



This preview shows how the Yxy color 86.2496, 0.3528, 0.4061 looks on a white background.

Color Contrast Check

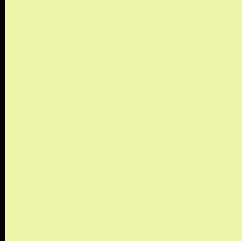
Large Text (above 18pt) WCAG AA × Fail

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 86.2496, 0.3528, 0.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

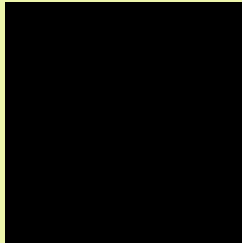
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.2496, 0.3528, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 86.2496, 0.3528, 0.4061.

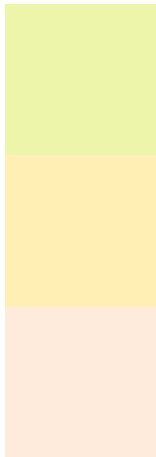


This preview shows how white text looks on a background with the Yxy color 86.2496, 0.3528, 0.4061.

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

86.2496, 0.3528, 0.4061

Protanopia

86.2883, 0.3615, 0.3883

Deuteranopia

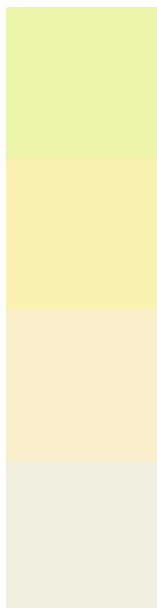
85.7911, 0.3367, 0.3450



Tritanopia

86.2827, 0.3096, 0.3113

Trichromacy



Original Color

86.2496, 0.3528, 0.4061

Protanomaly

86.0414, 0.3579, 0.3943

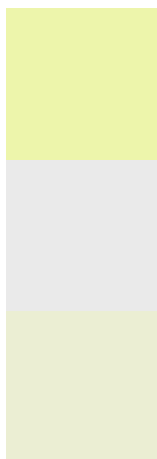
Deuteranomaly

85.9537, 0.3423, 0.3666

Tritanomaly

86.1154, 0.3253, 0.3453

Monochromacy



Original Color

86.2496, 0.3528, 0.4061

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.5144, 0.3276, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2496, 0.3528, 0.4061 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(237, 245, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 245, 171)  
}
```

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(237, 245, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 245, 171) }
```

Border

The CSS property to change the border of an element to Yxy 86.2496, 0.3528, 0.4061 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(237, 245, 171) }
```

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

```
.border{ border-color:rgb(237, 245, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 245, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 245, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 245, 171); box-shadow:4px 4px 4px 4px rgb(237, 245, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2496, 0.3528, 0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 245, 171) }
```

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

```
.background{ background-color: rgb(237,  
245, 171) }
```

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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