

Converting Colors

$Yxy(88.0149, 0.3633, 0.4347)$

Have a look what the booklet for
Yxy(88.0149, 0.3633, 0.4347)
contains.

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Color

Yxy(88.1400, 0.3639, 0.4351)

Conversions

Conversions Part 1

Format	Color
Hex	EBFA93
RGB	235, 250, 147
RGB Percent	92%, 98%, 58%
CMY	0.0783, 0.0196, 0.4236
CMYK	0.06, 0.00, 0.41, 0.02
HSL	69°, 91%, 78%
HSV	69°, 41%, 98%
XYZ	73.7167, 88.1400, 40.7174
YIQ	233.7730, 24.1230, -35.2130

Conversions

Conversions Part 2

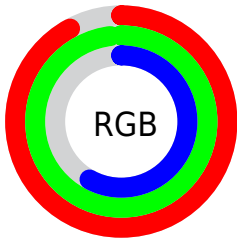
Format	Color
RYB	147, 250, 162
Decimal	15465107
CIELab	95.22, -20.01, 47.67
CIELCh	95, 51.696, 112.770
Yxy	88.1400, 0.3639, 0.4351
Android (android.graphics.Color)	4293655187 (0xFFEBFA93)
YUV	233.7730, -42.7791, 1.0761
Hunter-Lab	93.8829, -24.1371, 40.0037

Details

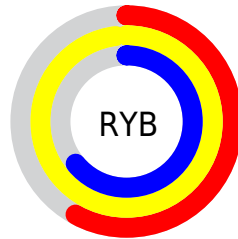
The Yxy color **88.1400, 0.3639, 0.4351** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.4360, 0.2460, 0.2048**, and the grayscale version is **82.4177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **48.8567, 0.3727, 0.4589** is the 20% darker color. If you saturate the color by 10%, you get **86.8303, 0.3744, 0.4593**, and if you desaturate by 10%, it is **89.6408, 0.3521, 0.4093**.

Distribution



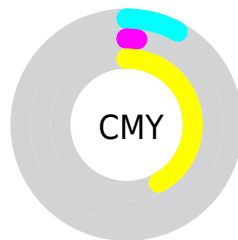
- Red (92%)
- Green (98%)
- Blue (58%)



- Red (58%)
- Yellow (98%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (41%)
- Black (2%)




- Cyan (8%)
- Magenta (2%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.1400, 0.3639, 0.4351 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 88.1400, 0.3639, 0.4351 by changing the saturation by 10% instead.


 88.1400, 0.3639,
0.4351


 88.1400, 0.3639,
0.4351


521.9616, 0.3428,
0.3868

 66.4390, 0.3680,
0.4457


 144.7521, 0.3572,
0.4187

 48.6289, 0.3726,
0.4585


 180.4319, 0.3544,
0.4122

 34.3252, 0.3777,
0.4741


221.5402, 0.3519,
0.4065

 23.1435, 0.3833,
0.4936

268.4613, 0.3497,
0.4016

 14.6995, 0.3888,
0.5182

321.5796, 0.3477,
0.3973

 8.6088, 0.3926,
0.5492

381.2794, 0.3459,

 4.4869, 0.3991,

0.3934

0.6009

447.9453, 0.3443,
0.3899

1.9495, 0.3696,
0.6304

0.5779, 0.0952,
0.9048

88.1400, 0.3639,
0.4351

88.1400, 0.3639,
0.4351

86.8303, 0.3744,
0.4593

89.6408, 0.3521,
0.4093

85.6886, 0.3831,
0.4809


91.3310, 0.3396,
0.3830


84.7062, 0.3894,
0.4988


93.2240, 0.3268,
0.3570

83.8688, 0.3931,
0.5123

95.3287, 0.3142,
0.3319

 83.1590, 0.3942,
0.5212

 96.5114, 0.3118,
0.3242

 82.6170, 0.3934,
0.5258

 96.8522, 0.3129,
0.3242

Harmonies

Analogous

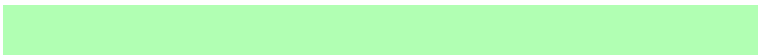
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1400, 0.4093, 0.4136



88.1400, 0.3639, 0.4351



88.1400, 0.3071, 0.4230

Triad

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



88.1400, 0.3639, 0.4351



88.1400, 0.2083, 0.2683



88.1400, 0.3691, 0.2863

Complementary

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



88.1400, 0.3639, 0.4351



35.4360, 0.2460, 0.2048

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.



88.1400, 0.3096, 0.2544



88.1400, 0.3639, 0.4351



88.1400, 0.2209, 0.2422

Square

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



88.1400, 0.3639, 0.4351



88.1400, 0.2196, 0.3164



88.1400, 0.2562, 0.2384



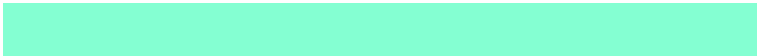
88.1400, 0.4148, 0.3284

Rectangle

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



88.1400, 0.3639, 0.4351



88.1400, 0.2707, 0.3946



88.1400, 0.2562, 0.2384



88.1400, 0.3498, 0.2742

Sweetspot

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



88.1440, 0.3639, 0.4351



97.3496, 0.3278, 0.3590



47.8173, 0.4128, 0.3440



20.7792, 0.3295, 0.3624



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

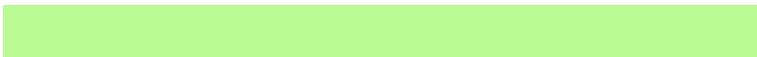
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1440, 0.3639, 0.4351



91.1093, 0.3723, 0.4543



80.7607, 0.3296, 0.4482



20.0554, 0.3246, 0.3526



43.8712, 0.3939, 0.5255



4.0970, 0.3971, 0.5229

Inverse Universe

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



35.4360, 0.2460, 0.2048



29.5145, 0.2305, 0.1777



41.7904, 0.2855, 0.2173



16.7640, 0.3001, 0.3046



3.9000, 0.1558, 0.0632



0.3965, 0.1647, 0.0681

Previews

White Background



This preview shows how the Yxy color 88.1400, 0.3639, 0.4351 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 88.1400, 0.3639, 0.4351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

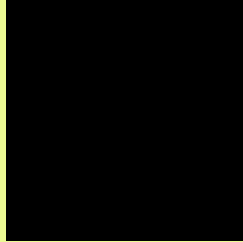
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.1400, 0.3639, 0.4351

Background



This preview shows how black text looks on a background with the Yxy color 88.1400, 0.3639, 0.4351.

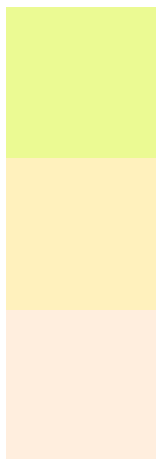


This preview shows how white text looks on a background with the Yxy color 88.1400, 0.3639, 0.4351.

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

88.1400, 0.3639, 0.4351

Protanopia

87.8447, 0.3552, 0.3811

Deuteranopia

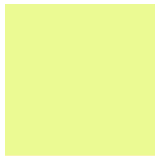
87.6830, 0.3343, 0.3449



Tritanopia

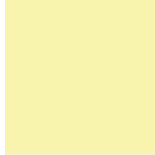
87.7448, 0.3089, 0.3114

Trichromacy



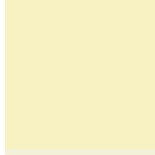
Original Color

88.1400, 0.3639, 0.4351



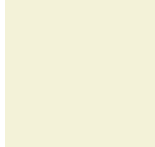
Protanomaly

87.7138, 0.3590, 0.4001



Deuteranomaly

87.4009, 0.3462, 0.3768



Tritanomaly

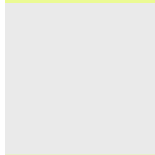
87.5168, 0.3294, 0.3555

Monochromacy



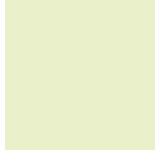
Original Color

88.1400, 0.3639, 0.4351



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.0769, 0.3323, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1400, 0.3639, 0.4351 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(235, 250, 147)` looks like.

```
.text, #text, p{  
    color:rgb(235, 250, 147)  
}
```

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(235, 250, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 250, 147) }
```

Border

The CSS property to change the border of an element to Yxy 88.1400, 0.3639, 0.4351 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(235, 250, 147) }
```

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

```
.border{ border-color:rgb(235, 250, 147) }
```

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

Here you see how a box with a 4 pixel rgb(235, 250, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 250, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 250, 147);  
box-shadow:4px 4px 4px 4px rgb(235, 250,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1400, 0.3639, 0.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 250, 147) }
```

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

```
.background{ background-color: rgb(235,  
250, 147) }
```

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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