

Converting Colors

$Y_{xy}(138.6463, 0.33339, 0.4510)$

Have a look what the booklet for
Yxy(138.6463, 0.3339, 0.4510)
contains.

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Color

Yxy(93.2896, 0.3447, 0.4025)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFB7
RGB	239, 255, 183
RGB Percent	94%, 100%, 72%
CMY	0.0629, 0.0000, 0.2824
CMYK	0.06, 0.00, 0.28, 0.00
HSL	73°, 100%, 86%
HSV	73°, 28%, 100%
XYZ	79.8930, 93.2896, 58.5928
YIQ	242.0080, 13.5760, -25.7840

Conversions

Conversions Part 2

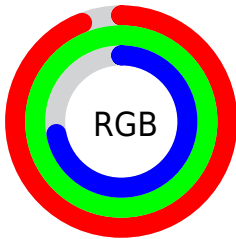
Format	Color
RYB	183, 255, 199
Decimal	15728567
CIELab	97.35, -16.68, 32.75
CIELCh	97, 36.750, 116.995
Yxy	93.2896, 0.3447, 0.4025
Android (android.graphics.Color)	4293918647 (0xFFEFFFFB7)
YUV	242.0080, -29.0909, -2.6380
Hunter-Lab	96.5865, -21.3775, 31.6432

Details

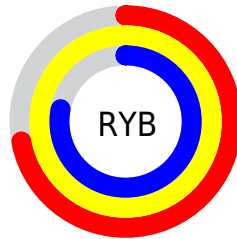
The Yxy color **93.2896, 0.3447, 0.4025** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.2332, 0.2741, 0.2492**, and the grayscale version is **89.0150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **51.9182, 0.3508, 0.4191** is the 20% darker color. If you saturate the color by 10%, you get **91.3418, 0.3554, 0.4295**, and if you desaturate by 10%, it is **95.4464, 0.3334, 0.3756**.

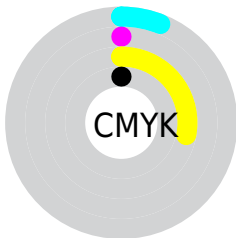
Distribution



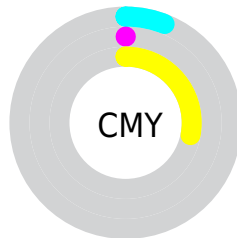
- Red (94%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2896, 0.3447, 0.4025 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 93.2896, 0.3447, 0.4025 by changing the saturation by 10% instead.


 93.2896, 0.3447,
0.4025

 93.2896, 0.3447,
0.4025

538.6747, 0.3313,
0.3692

 70.7122, 0.3474,
0.4099

 151.8995, 0.3403,
0.3911

 52.1074, 0.3506,
0.4189


188.7008, 0.3385,
0.3866

 37.0907, 0.3544,
0.4300

231.0122, 0.3369,
0.3828

 25.2777, 0.3589,
0.4443

279.2181, 0.3355,
0.3794

 16.2841, 0.3641,
0.4629

333.7030, 0.3343,
0.3764

 9.7254, 0.3701,
0.4880

394.8511, 0.3332,

 5.2173, 0.3757,

0.3737

0.5233

463.0468, 0.3322,
0.3713

■ 2.3753, 0.3963,
0.6037

■ 0.8131, 0.3102,
0.6898

■ 93.2896, 0.3447,
0.4025

■ 93.2896, 0.3447,
0.4025

■ 91.3418, 0.3554,
0.4295

■ 95.4464, 0.3334,
0.3756

■ 89.6140, 0.3649,
0.4555

■ 97.8437, 0.3220,
0.3495

■ 88.0873, 0.3727,
0.4794

100.0000, 0.3127,
0.3290

■ 86.7488, 0.3784,
0.5001

■ 85.5837, 0.3815,
0.5167

■ 84.5748, 0.3820,
0.5285

■ 83.6982, 0.3801,
0.5357

■ 83.5516, 0.3797,
0.5367

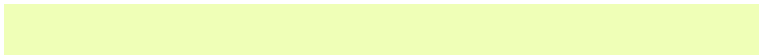
Harmonies

Analogous

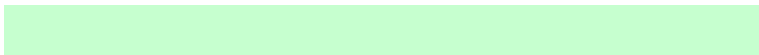
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2896, 0.3779, 0.3929



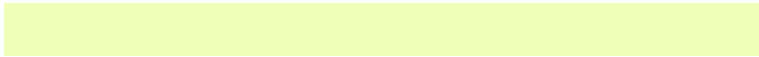
93.2896, 0.3447, 0.4025



93.2896, 0.3043, 0.3893

Triad

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



93.2896, 0.3447, 0.4025



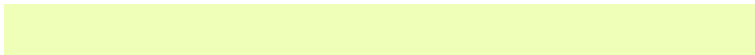
93.2896, 0.2376, 0.2835



93.2896, 0.3577, 0.3028

Complementary

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



93.2896, 0.3447, 0.4025



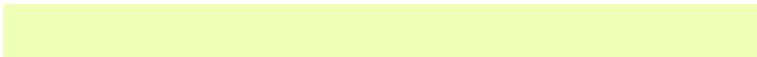
53.2332, 0.2741, 0.2492

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.



93.2896, 0.3171, 0.2777



93.2896, 0.3447, 0.4025



93.2896, 0.2495, 0.2657

Square

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



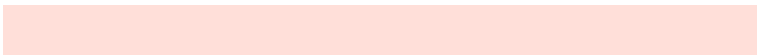
93.2896, 0.3447, 0.4025



93.2896, 0.2440, 0.3161



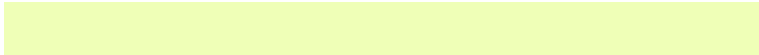
93.2896, 0.2778, 0.2643



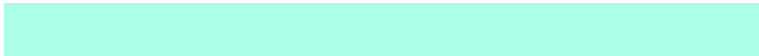
93.2896, 0.3865, 0.3347

Rectangle

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



93.2896, 0.3447, 0.4025



93.2896, 0.2788, 0.3686



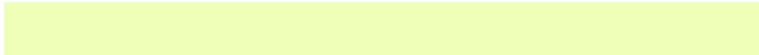
93.2896, 0.2778, 0.2643



93.2896, 0.3448, 0.2934

Sweetspot

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



93.2823, 0.3447, 0.4025



97.9032, 0.3217, 0.3489



65.3408, 0.3707, 0.3454



20.8747, 0.3234, 0.3527



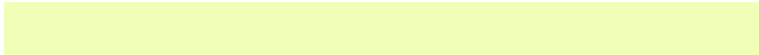
0.0000, 0.0000, 0.0000



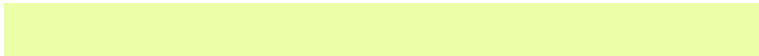
21.4041, 0.3127, 0.3290

Same Dimension

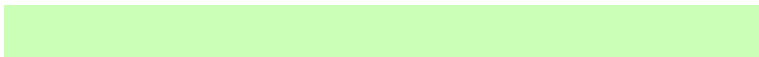
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2823, 0.3447, 0.4025



92.1373, 0.3510, 0.4181



87.6913, 0.3214, 0.4082



20.8747, 0.3234, 0.3527



43.7267, 0.3803, 0.5362



4.3053, 0.3850, 0.5325

Inverse Universe

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



53.2332, 0.2741, 0.2492



45.9788, 0.2645, 0.2305



58.6799, 0.3004, 0.2550



17.5728, 0.3013, 0.3047



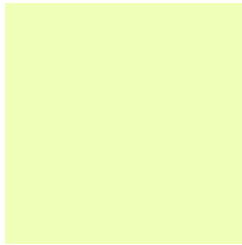
4.2778, 0.1617, 0.0664



0.4623, 0.1720, 0.0721

Previews

White Background



This preview shows how the Yxy color 93.2896, 0.3447, 0.4025 looks on a white background.

Color Contrast Check

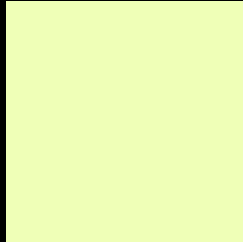
Large Text (above 18pt) WCAG AA × Fail

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 93.2896, 0.3447, 0.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

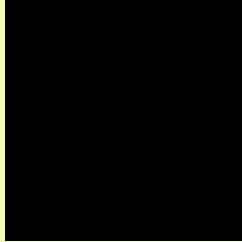
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.2896, 0.3447, 0.4025

Background



This preview shows how black text looks on a background with the Yxy color 93.2896, 0.3447, 0.4025.

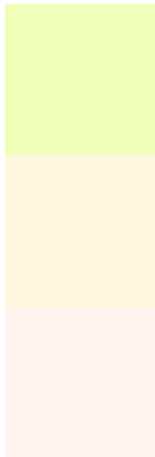


This preview shows how white text looks on a background with the Yxy color 93.2896, 0.3447, 0.4025.

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

93.2896, 0.3447, 0.4025

Protanopia

93.0555, 0.3332, 0.3536

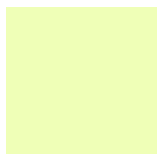
Deuteranopia

92.7379, 0.3235, 0.3358

Tritanopia

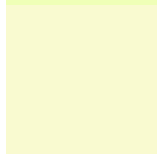
93.0880, 0.3087, 0.3203

Trichromacy



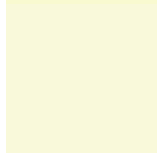
Original Color

93.2896, 0.3447, 0.4025



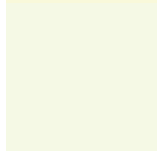
Protanomaly

93.0650, 0.3374, 0.3710



Deuteranomaly

92.9531, 0.3314, 0.3599



Tritanomaly

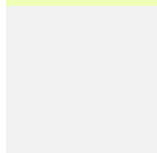
92.8210, 0.3221, 0.3489

Monochromacy



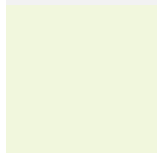
Original Color

93.2896, 0.3447, 0.4025



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.4428, 0.3245, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2896, 0.3447, 0.4025 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(239, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 183)  
}
```

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(239, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 183) }
```

Border

The CSS property to change the border of an element to Yxy 93.2896, 0.3447, 0.4025 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(239, 255, 183) }
```

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

```
.border{ border-color:rgb(239, 255, 183) }
```

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

Here you see how a box with a 4 pixel rgb(239, 255, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2896, 0.3447, 0.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 183) }
```

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

```
.background{ background-color: rgb(239,  
255, 183) }
```

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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