

Converting Colors

$Yxy(93.0504, 0.3485, 0.4086)$

Have a look what the booklet for
Yxy(93.0504, 0.3485, 0.4086)
contains.

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Color

Yxy(93.0450, 0.3482, 0.4086)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFB1
RGB	239, 255, 177
RGB Percent	94%, 100%, 69%
CMY	0.0628, 0.0000, 0.3058
CMYK	0.06, 0.00, 0.31, 0.00
HSL	72°, 100%, 85%
HSV	72°, 31%, 100%
XYZ	79.2909, 93.0450, 55.3807
YIQ	241.3240, 15.5020, -27.6500

Conversions

Conversions Part 2

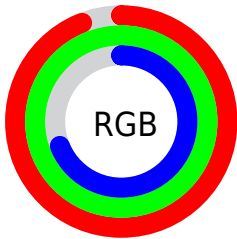
Format	Color
RYB	177, 255, 193
Decimal	15728561
CIELab	97.25, -17.44, 35.60
CIELCh	97, 39.647, 116.100
Yxy	93.0450, 0.3482, 0.4086
Android (android.graphics.Color)	4293918641 (0xFFEFFF81)
YUV	241.3240, -31.7117, -2.0381
Hunter-Lab	96.4598, -22.0760, 33.4816

Details

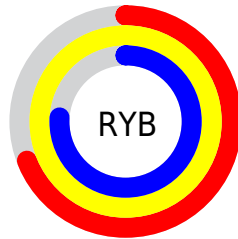
The Yxy color **93.0450, 0.3482, 0.4086** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **50.0095, 0.2693, 0.2415**, and the grayscale version is **88.4753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **51.7885, 0.3543, 0.4255** is the 20% darker color. If you saturate the color by 10%, you get **91.2223, 0.3590, 0.4352**, and if you desaturate by 10%, it is **95.0821, 0.3367, 0.3817**.

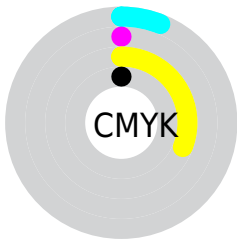
Distribution



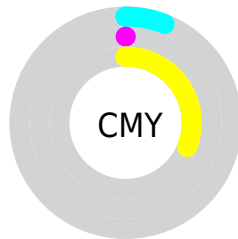
- Red (94%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.0450, 0.3482, 0.4086 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 93.0450, 0.3482, 0.4086 by changing the saturation by 10% instead.


 93.0450, 0.3482,
0.4086

 93.0450, 0.3482,
0.4086


537.8871, 0.3333,
0.3725

 70.5089, 0.3512,
0.4166


 151.5609, 0.3434,
0.3963

 51.9415, 0.3547,
0.4263

188.3095, 0.3414,
0.3914

 36.9585, 0.3588,
0.4383


230.5644, 0.3397,
0.3872

 25.1753, 0.3635,
0.4536

278.7100, 0.3381,
0.3836

 16.2077, 0.3690,
0.4735

333.1307, 0.3367,
0.3803

 9.6713, 0.3750,
0.5001

394.2108, 0.3355,

 5.1815, 0.3803,

0.3774

0.5373

462.3349, 0.3344,
0.3748

■ 2.3542, 0.3917,
0.6083

■ 0.8022, 0.2956,
0.7044

■ 93.0450, 0.3482,
0.4086

■ 93.0450, 0.3482,
0.4086

■ 91.2223, 0.3590,
0.4352

■ 95.0821, 0.3367,
0.3817

■ 89.6062, 0.3685,
0.4606

■ 97.3466, 0.3250,
0.3555

■ 88.1838, 0.3762,
0.4835

■ 99.8467, 0.3134,
0.3304

■ 86.9418, 0.3816,
0.5029

■ 100.0000, 0.3127,
0.3290

■ 85.8652, 0.3844,
0.5180

■ 84.9357, 0.3846,
0.5283

■ 84.1682, 0.3827,
0.5343

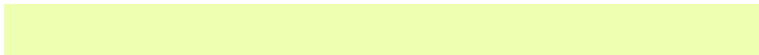
Harmonies

Analogous

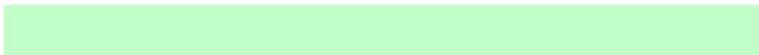
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0450, 0.3837, 0.3971



93.0450, 0.3482, 0.4086



93.0450, 0.3047, 0.3952

Triad

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



93.0450, 0.3482, 0.4086



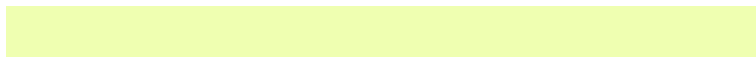
93.0450, 0.2320, 0.2806



93.0450, 0.3600, 0.2998

Complementary

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



93.0450, 0.3482, 0.4086



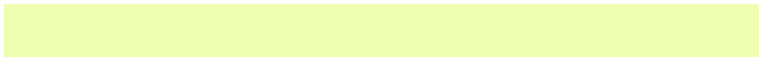
50.0095, 0.2693, 0.2415

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.



93.0450, 0.3160, 0.2734



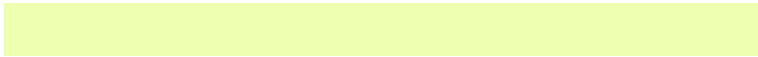
93.0450, 0.3482, 0.4086



93.0450, 0.2442, 0.2612

Square

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



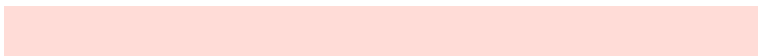
93.0450, 0.3482, 0.4086



93.0450, 0.2393, 0.3160



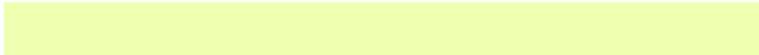
93.0450, 0.2739, 0.2594



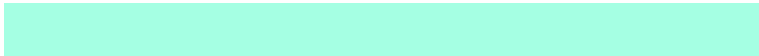
93.0450, 0.3918, 0.3337

Rectangle

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



93.0450, 0.3482, 0.4086



93.0450, 0.2772, 0.3731



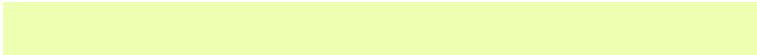
93.0450, 0.2739, 0.2594



93.0450, 0.3460, 0.2899

Sweetspot

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



93.0440, 0.3482, 0.4086



97.7265, 0.3231, 0.3514



62.4026, 0.3774, 0.3455



20.8427, 0.3248, 0.3551



0.0000, 0.0000, 0.0000



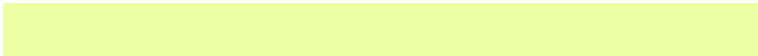
21.4041, 0.3127, 0.3290

Same Dimension

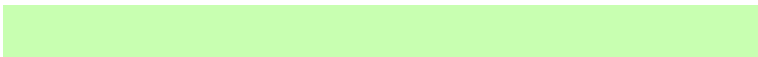
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0440, 0.3482, 0.4086



91.8509, 0.3552, 0.4258



87.0306, 0.3228, 0.4154



20.8914, 0.3237, 0.3527



44.0453, 0.3834, 0.5338



4.3338, 0.3877, 0.5304

Inverse Universe

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



50.0095, 0.2693, 0.2415



42.2930, 0.2581, 0.2203



55.7588, 0.2981, 0.2483



17.5573, 0.3011, 0.3046



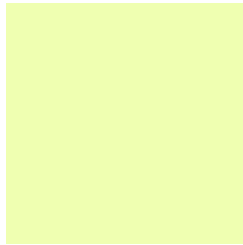
4.2090, 0.1601, 0.0656



0.4535, 0.1701, 0.0711

Previews

White Background



This preview shows how the Yxy color 93.0450, 0.3482, 0.4086 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 93.0450, 0.3482, 0.4086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

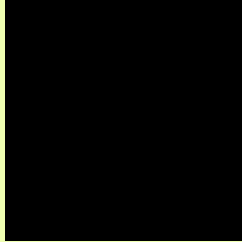
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.0450, 0.3482, 0.4086

Background



This preview shows how black text looks on a background with the Yxy color 93.0450, 0.3482, 0.4086.

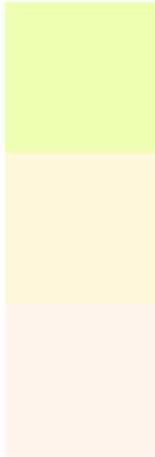


This preview shows how white text looks on a background with the Yxy color 93.0450, 0.3482, 0.4086.

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

93.0450, 0.3482, 0.4086

Protanopia

92.9488, 0.3344, 0.3556

Deuteranopia

92.6792, 0.3241, 0.3368

Tritanopia

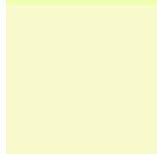
92.6646, 0.3093, 0.3193

Trichromacy



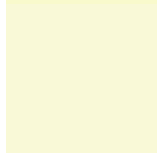
Original Color

93.0450, 0.3482, 0.4086



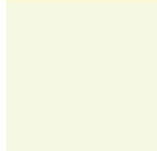
Protanomaly

92.8706, 0.3398, 0.3750



Deuteranomaly

92.7974, 0.3332, 0.3629



Tritanomaly

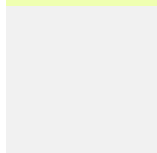
92.7099, 0.3233, 0.3509

Monochromacy



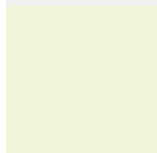
Original Color

93.0450, 0.3482, 0.4086



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.4988, 0.3257, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0450, 0.3482, 0.4086 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 177) }
```

Border

The CSS property to change the border of an element to Yxy 93.0450, 0.3482, 0.4086 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, 177) }
```

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

```
.border{ border-color:rgb(239, 255, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 255, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 255, 177); box-shadow:4px 4px 4px 4px rgb(239, 255, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0450, 0.3482, 0.4086 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, 177) }
```

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

```
.background{ background-color: rgb(239,  
255, 177) }
```

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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