

Converting Colors

$Y_{xy}(152.0762, 0.3317, 0.4617)$

Have a look what the booklet for
Yxy(152.0762, 0.3317, 0.4617)
contains.

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Color

Yxy(93.2481, 0.3453, 0.4035)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFB6
RGB	239, 255, 182
RGB Percent	94%, 100%, 71%
CMY	0.0628, 0.0000, 0.2862
CMYK	0.06, 0.00, 0.29, 0.00
HSL	73°, 100%, 86%
HSV	73°, 29%, 100%
XYZ	79.7982, 93.2481, 58.0519
YIQ	241.8940, 13.8970, -26.0950

Conversions

Conversions Part 2

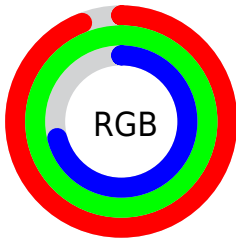
Format	Color
RYB	182, 255, 198
Decimal	15728566
CIELab	97.33, -16.80, 33.22
CIELCh	97, 37.224, 116.821
Yxy	93.2481, 0.3453, 0.4035
Android (android.graphics.Color)	4293918646 (0xFFEFFF6)
YUV	241.8940, -29.5277, -2.5380
Hunter-Lab	96.5651, -21.4823, 31.9523

Details

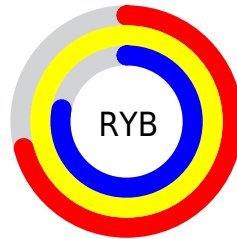
The Yxy color **93.2481, 0.3453, 0.4035** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.6872, 0.2733, 0.2480**, and the grayscale version is **88.9324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **51.8918, 0.3515, 0.4204** is the 20% darker color. If you saturate the color by 10%, you get **91.3283, 0.3560, 0.4304**, and if you desaturate by 10%, it is **95.3876, 0.3340, 0.3766**.

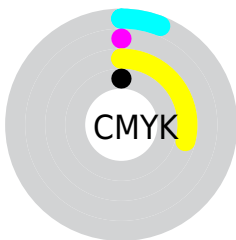
Distribution



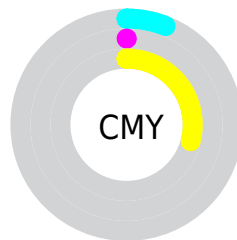
- Red (94%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.2481, 0.3453, 0.4035 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 93.2481, 0.3453, 0.4035 by changing the saturation by 10% instead.


 93.2481, 0.3453,
0.4035

 93.2481, 0.3453,
0.4035


538.5411, 0.3316,
0.3697

 70.6777, 0.3481,
0.4110


 151.8421, 0.3408,
0.3920

 52.0792, 0.3513,
0.4201


188.6344, 0.3390,
0.3874

 37.0682, 0.3552,
0.4314


230.9363, 0.3374,
0.3835

 25.2603, 0.3597,
0.4458

279.1320, 0.3360,
0.3801

 16.2711, 0.3650,
0.4646

333.6059, 0.3347,
0.3770

 9.7162, 0.3709,
0.4900

394.7425, 0.3336,

 5.2112, 0.3765,

0.3743

0.5255

462.9261, 0.3325,
0.3719

■ 2.3717, 0.3956,
0.6044

■ 0.8113, 0.3080,
0.6920

■ 93.2481, 0.3453,
0.4035

■ 93.2481, 0.3453,
0.4035

■ 91.3283, 0.3560,
0.4304

■ 95.3876, 0.3340,
0.3766

■ 89.6211, 0.3655,
0.4563

■ 97.7603, 0.3225,
0.3505

■ 88.1136, 0.3734,
0.4801

100.0000, 0.3127,
0.3290

■ 86.7928, 0.3790,
0.5006

■ 85.6440, 0.3821,
0.5169

■ 84.6497, 0.3825,
0.5284

■ 83.7852, 0.3806,
0.5355

■ 83.6720, 0.3803,
0.5363

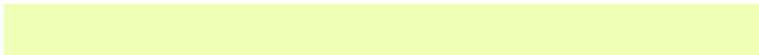
Harmonies

Analogous

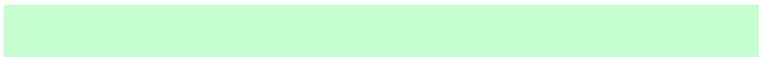
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2481, 0.3789, 0.3936



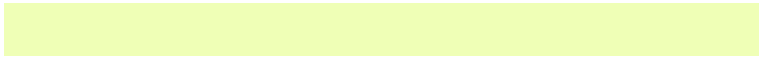
93.2481, 0.3453, 0.4035



93.2481, 0.3044, 0.3902

Triad

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



93.2481, 0.3453, 0.4035



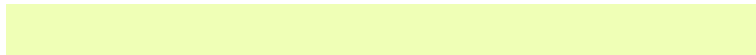
93.2481, 0.2367, 0.2830



93.2481, 0.3580, 0.3023

Complementary

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



93.2481, 0.3453, 0.4035



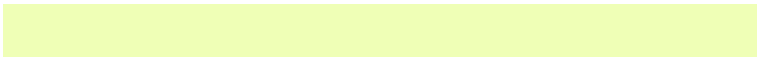
52.6872, 0.2733, 0.2480

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.



93.2481, 0.3169, 0.2770



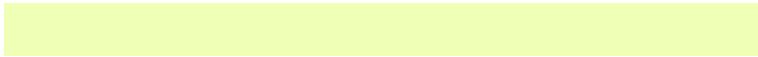
93.2481, 0.3453, 0.4035



93.2481, 0.2486, 0.2649

Square

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



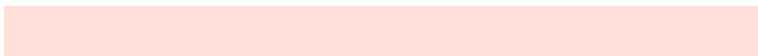
93.2481, 0.3453, 0.4035



93.2481, 0.2432, 0.3161



93.2481, 0.2771, 0.2634



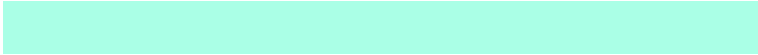
93.2481, 0.3873, 0.3345

Rectangle

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



93.2481, 0.3453, 0.4035



93.2481, 0.2786, 0.3694



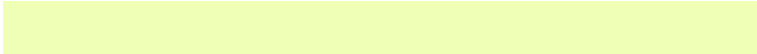
93.2481, 0.2771, 0.2634



93.2481, 0.3450, 0.2928

Sweetspot

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



93.2469, 0.3453, 0.4035



97.6668, 0.3229, 0.3514



64.9450, 0.3717, 0.3456



20.8279, 0.3246, 0.3552



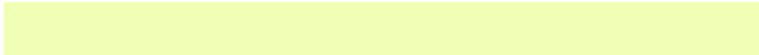
0.0000, 0.0000, 0.0000



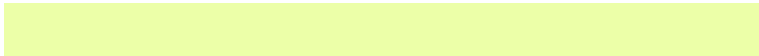
21.4041, 0.3127, 0.3290

Same Dimension

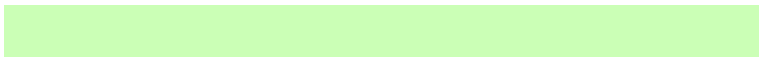
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2469, 0.3453, 0.4035



92.1886, 0.3512, 0.4180



87.5506, 0.3215, 0.4094



20.8780, 0.3235, 0.3527



43.7889, 0.3809, 0.5357



4.3109, 0.3855, 0.5321

Inverse Universe

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



52.6872, 0.2733, 0.2480



45.9408, 0.2643, 0.2305



58.2256, 0.3002, 0.2540



17.5698, 0.3013, 0.3047



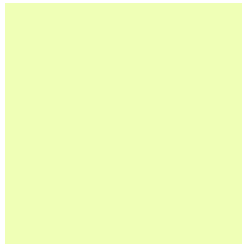
4.2637, 0.1613, 0.0662



0.4605, 0.1716, 0.0719

Previews

White Background



This preview shows how the Yxy color 93.2481, 0.3453, 0.4035 looks on a white background.

Color Contrast Check

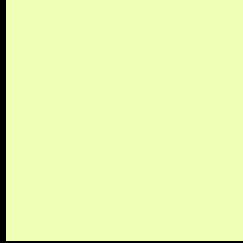
Large Text (above 18pt) WCAG AA × Fail

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 93.2481, 0.3453, 0.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

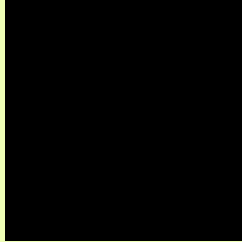
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.2481, 0.3453, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 93.2481, 0.3453, 0.4035.

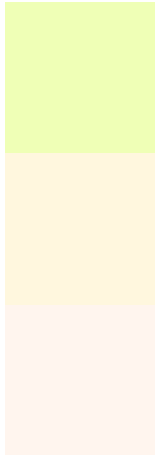


This preview shows how white text looks on a background with the Yxy color 93.2481, 0.3453, 0.4035.

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

93.2481, 0.3453, 0.4035

Protanopia

93.0555, 0.3332, 0.3536

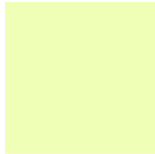
Deuteranopia

92.7379, 0.3235, 0.3358

Tritanopia

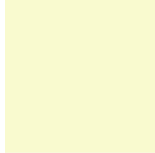
93.0880, 0.3087, 0.3203

Trichromacy



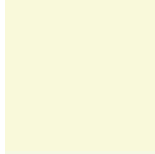
Original Color

93.2481, 0.3453, 0.4035



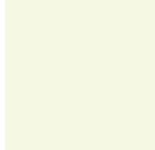
Protanomaly

93.0159, 0.3380, 0.3720



Deuteranomaly

92.9531, 0.3314, 0.3599



Tritanomaly

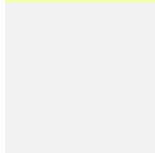
92.7653, 0.3227, 0.3499

Monochromacy



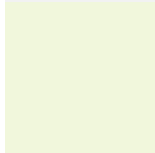
Original Color

93.2481, 0.3453, 0.4035



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.3896, 0.3251, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2481, 0.3453, 0.4035 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 182) }
```

Border

The CSS property to change the border of an element to Yxy 93.2481, 0.3453, 0.4035 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, 182) }
```

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

```
.border{ border-color:rgb(239, 255, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2481, 0.3453, 0.4035 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, 182) }
```

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

```
.background{ background-color: rgb(239,  
255, 182) }
```

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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