

Converting Colors

$Y_{xy}(92.7915, 0.3540, 0.4125)$

Have a look what the booklet for
Yxy(92.7915, 0.3540, 0.4125)
contains.

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Color

Yxy(92.9169, 0.3541, 0.4120)

Conversions

Conversions Part 1

Format	Color
Hex	F3FEAC
RGB	243, 254, 172
RGB Percent	95%, 100%, 67%
CMY	0.0469, 0.0039, 0.3255
CMYK	0.04, 0.00, 0.32, 0.00
HSL	68°, 98%, 84%
HSV	68°, 32%, 100%
XYZ	79.8589, 92.9169, 52.7506
YIQ	241.3630, 19.7660, -27.8340

Conversions

Conversions Part 2

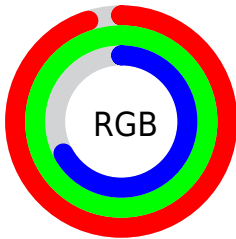
Format	Color
RYB	172, 254, 183
Decimal	15990444
CIELab	97.19, -16.10, 38.08
CIElCh	97, 41.345, 112.913
Yxy	92.9169, 0.3541, 0.4120
Android (android.graphics.Color)	4294180524 (0xFFFF3FEAC)
YUV	241.3630, -34.1960, 1.4356
Hunter-Lab	96.3934, -20.8068, 35.0293

Details

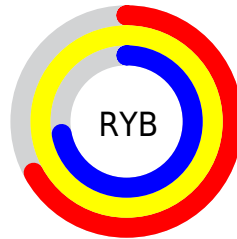
The Yxy color **92.9169, 0.3541, 0.4120** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **46.7195, 0.2622, 0.2349**, and the grayscale version is **88.5331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **51.7035, 0.3617, 0.4295** is the 20% darker color. If you saturate the color by 10%, you get **91.4380, 0.3660, 0.4375**, and if you desaturate by 10%, it is **94.6018, 0.3414, 0.3858**.

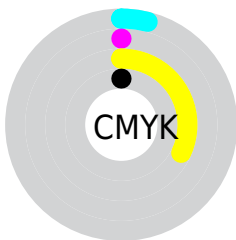
Distribution



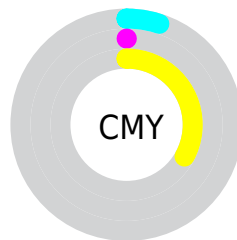
- Red (95%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9169, 0.3541, 0.4120 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 92.9169, 0.3541, 0.4120 by changing the saturation by 10% instead.

 92.9169, 0.3541,
0.4120

 92.9169, 0.3541,
0.4120


537.4744, 0.3367,
0.3745

 70.4024, 0.3576,
0.4202


 151.3836, 0.3484,
0.3992

 51.8547, 0.3617,
0.4302


188.1045, 0.3461,
0.3942

 36.8893, 0.3665,
0.4426


230.3298, 0.3441,
0.3898

 25.1218, 0.3721,
0.4581

278.4438, 0.3423,
0.3860

 16.1678, 0.3786,
0.4781

332.8308, 0.3407,
0.3826

 9.6430, 0.3855,
0.5046

393.8754, 0.3392,

 5.1629, 0.3930,

0.3796

0.5423

461.9618, 0.3379,
0.3770

■ 2.3431, 0.3992,
0.6008

■ 0.7964, 0.3137,
0.6863

■ 92.9169, 0.3541,
0.4120

■ 92.9169, 0.3541,
0.4120

■ 91.4380, 0.3660,
0.4375

■ 94.6018, 0.3414,
0.3858

■ 90.1420, 0.3766,
0.4613

■ 96.4900, 0.3284,
0.3597

■ 89.0211, 0.3852,
0.4823

■ 98.5950, 0.3156,
0.3346

■ 88.0621, 0.3915,
0.4995

99.3616, 0.3128,
0.3280

■ 87.2499, 0.3951,
0.5123

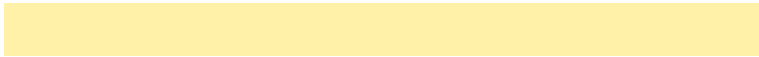
■ 86.5659, 0.3961,
0.5204

■ 86.1048, 0.3955,
0.5242

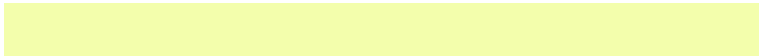
Harmonies

Analogous

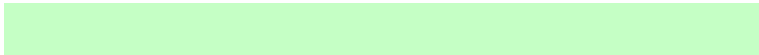
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9169, 0.3896, 0.3973



92.9169, 0.3541, 0.4120



92.9169, 0.3090, 0.4011

Triad

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



92.9169, 0.3541, 0.4120



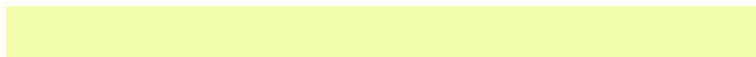
92.9169, 0.2287, 0.2816



92.9169, 0.3575, 0.2952

Complementary

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



92.9169, 0.3541, 0.4120



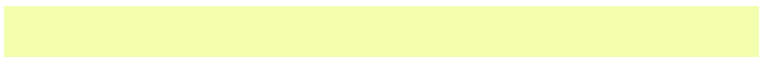
46.7195, 0.2622, 0.2349

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.



92.9169, 0.3110, 0.2689



92.9169, 0.3541, 0.4120



92.9169, 0.2392, 0.2597

Square

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



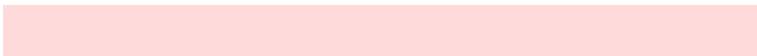
92.9169, 0.3541, 0.4120



92.9169, 0.2383, 0.3199



92.9169, 0.2682, 0.2560



92.9169, 0.3928, 0.3298

Rectangle

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



92.9169, 0.3541, 0.4120



92.9169, 0.2799, 0.3794



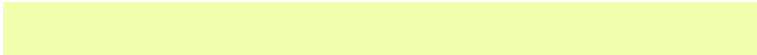
92.9169, 0.2682, 0.2560



92.9169, 0.3425, 0.2852

Sweetspot

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



92.9211, 0.3541, 0.4120



97.8244, 0.3255, 0.3539



57.8853, 0.3840, 0.3407



20.8768, 0.3273, 0.3575



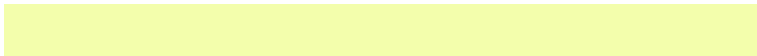
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

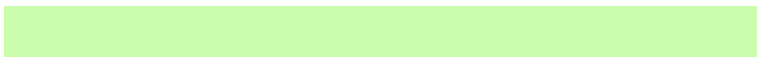
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9211, 0.3541, 0.4120



92.7307, 0.3622, 0.4293



86.4249, 0.3267, 0.4198



20.9604, 0.3248, 0.3526



45.4441, 0.3959, 0.5238



4.4574, 0.3987, 0.5216

Inverse Universe

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



46.7195, 0.2622, 0.2349



39.2637, 0.2494, 0.2120



52.4938, 0.2928, 0.2426



17.4941, 0.2999, 0.3046



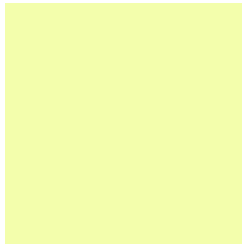
3.9865, 0.1550, 0.0628



0.4223, 0.1630, 0.0672

Previews

White Background



This preview shows how the Yxy color 92.9169, 0.3541, 0.4120 looks on a white background.

Color Contrast Check

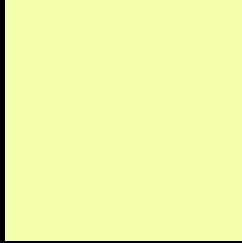
Large Text (above 18pt) WCAG AA × Fail

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 92.9169, 0.3541, 0.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

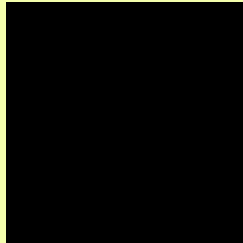
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.9169, 0.3541, 0.4120

Background



This preview shows how black text looks on a background with the Yxy color 92.9169, 0.3541, 0.4120.



This preview shows how white text looks on a background with the Yxy color 92.9169, 0.3541, 0.4120.

Color Blindness Simulation

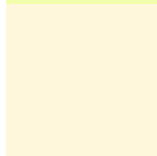
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



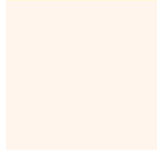
Original Color

92.9169, 0.3541, 0.4120



Protanopia

92.9488, 0.3344, 0.3556



Deuteranopia

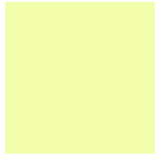
92.6792, 0.3241, 0.3368



Tritanopia

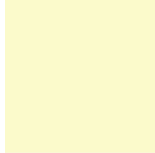
93.0340, 0.3106, 0.3194

Trichromacy



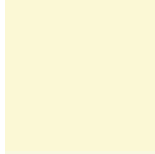
Original Color

92.9169, 0.3541, 0.4120



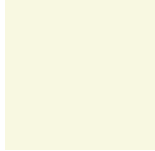
Protanomaly

93.1922, 0.3418, 0.3758



Deuteranomaly

92.4481, 0.3359, 0.3638



Tritanomaly

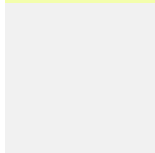
92.5275, 0.3265, 0.3519

Monochromacy



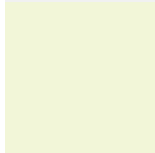
Original Color

92.9169, 0.3541, 0.4120



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.7466, 0.3283, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9169, 0.3541, 0.4120 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(243, 254, 172)` looks like.

```
.text, #text, p{  
    color:rgb(243, 254, 172)  
}
```

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(243, 254, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 254, 172) }
```

Border

The CSS property to change the border of an element to Yxy 92.9169, 0.3541, 0.4120 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(243, 254, 172) }
```

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

```
.border{ border-color:rgb(243, 254, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 254, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 254, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 254, 172);  
box-shadow:4px 4px 4px 4px rgb(243, 254,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9169, 0.3541, 0.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 254, 172) }
```

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

```
.background{ background-color: rgb(243,  
254, 172) }
```

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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