

Converting Colors

$Y_{xy}(92.7876, 0.3642, 0.4315)$

Have a look what the booklet for
Yxy(92.7876, 0.3642, 0.4315)
contains.

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Color

Yxy(92.8746, 0.3645, 0.4314)

Conversions

Conversions Part 1

Format	Color
Hex	F3FF99
RGB	243, 255, 153
RGB Percent	95%, 100%, 60%
CMY	0.0471, 0.0000, 0.3999
CMYK	0.05, 0.00, 0.40, 0.00
HSL	67°, 100%, 80%
HSV	67°, 40%, 100%
XYZ	78.4719, 92.8746, 43.9400
YIQ	239.7840, 25.5900, -34.2660

Conversions

Conversions Part 2

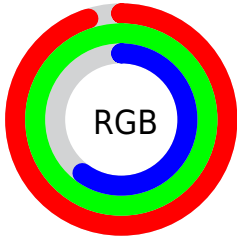
Format	Color
R_{YB}	153, 255, 165
Decimal	15990681
CIE _{Lab}	97.18, -18.77, 47.34
CIE _{LCh}	97, 50.922, 111.630
Yxy	92.8746, 0.3645, 0.4314
Android (android.graphics.Color)	4294180761 (0xFFFF3FF99)
YUV	239.7840, -42.7845, 2.8204
Hunter-Lab	96.3715, -23.3037, 40.4271

Details

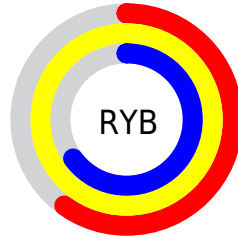
The Yxy color **92.8746, 0.3645, 0.4314** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **38.0162, 0.2463, 0.2082**, and the grayscale version is **87.2860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **51.6226, 0.3731, 0.4532** is the 20% darker color. If you saturate the color by 10%, you get **91.5897, 0.3757, 0.4554**, and if you desaturate by 10%, it is **94.3477, 0.3521, 0.4058**.

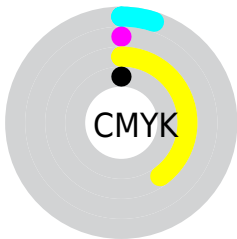
Distribution



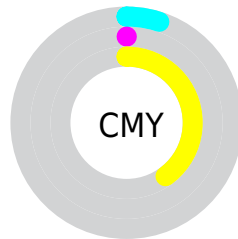
- Red (95%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.8746, 0.3645, 0.4314 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 92.8746, 0.3645, 0.4314 by changing the saturation by 10% instead.

 92.8746, 0.3645,
0.4314


 92.8746, 0.3645,
0.4314


537.3381, 0.3432,
0.3853

 70.3673, 0.3686,
0.4414


 151.3250, 0.3577,
0.4158

 51.8260, 0.3733,
0.4534


 188.0368, 0.3549,
0.4096

 36.8664, 0.3786,
0.4681


230.2523, 0.3524,
0.4043

 25.1041, 0.3845,
0.4863

278.3559, 0.3501,
0.3995

 16.1546, 0.3906,
0.5092

332.7318, 0.3481,
0.3954

 9.6336, 0.3957,
0.5380

393.7646, 0.3463,

 5.1567, 0.4086,

0.3917

0.5914

461.8385, 0.3447,
0.3883

■ 2.3395, 0.3839,
0.6161

■ 0.7945, 0.2721,
0.7279

■ 92.8746, 0.3645,
0.4314

■ 92.8746, 0.3645,
0.4314

■ 91.5897, 0.3757,
0.4554

■ 94.3477, 0.3521,
0.4058

■ 90.4823, 0.3851,
0.4768

■ 96.0205, 0.3390,
0.3797

■ 89.5390, 0.3923,
0.4946

■ 97.9025, 0.3257,
0.3538

■ 88.7452, 0.3968,
0.5081

100.0000, 0.3127,
0.3290

■ 88.0830, 0.3987,
0.5170

■ 87.5238, 0.3984,
0.5219

■ 87.5231, 0.3984,
0.5219

Harmonies

Analogous

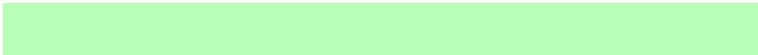
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8746, 0.4077, 0.4100



92.8746, 0.3645, 0.4314



92.8746, 0.3096, 0.4208

Triad

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



92.8746, 0.3645, 0.4314



92.8746, 0.2112, 0.2717



92.8746, 0.3653, 0.2862

Complementary

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



92.8746, 0.3645, 0.4314



38.0162, 0.2463, 0.2082

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.



92.8746, 0.3076, 0.2556



92.8746, 0.3645, 0.4314



92.8746, 0.2227, 0.2453

Square

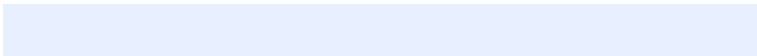
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.8746, 0.3645, 0.4314



92.8746, 0.2233, 0.3191



92.8746, 0.2563, 0.2408



92.8746, 0.4103, 0.3269

Rectangle

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



92.8746, 0.3645, 0.4314



92.8746, 0.2740, 0.3942



92.8746, 0.2563, 0.2408



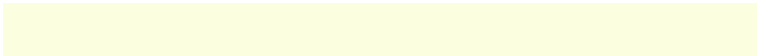
92.8746, 0.3465, 0.2746

Sweetspot

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



92.8743, 0.3645, 0.4314



97.5065, 0.3284, 0.3590



50.4451, 0.4095, 0.3418



20.8164, 0.3301, 0.3623



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

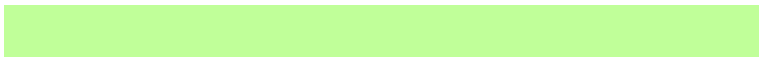
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8743, 0.3645, 0.4314



91.8306, 0.3736, 0.4508



85.0430, 0.3304, 0.4440



20.9758, 0.3251, 0.3526



45.7759, 0.3987, 0.5216



4.4864, 0.4012, 0.5196

Inverse Universe

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



38.0162, 0.2463, 0.2082



30.0900, 0.2302, 0.1803



44.5983, 0.2851, 0.2202



17.4802, 0.2997, 0.3045



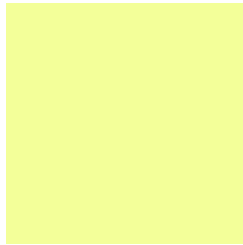
3.9492, 0.1542, 0.0623



0.4158, 0.1615, 0.0663

Previews

White Background



This preview shows how the Yxy color 92.8746, 0.3645, 0.4314 looks on a white background.

Color Contrast Check

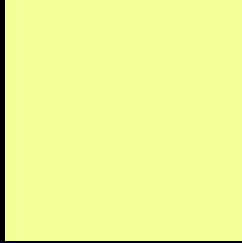
Large Text (above 18pt) WCAG AA × Fail

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 92.8746, 0.3645, 0.4314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

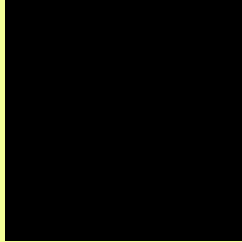
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.8746, 0.3645, 0.4314

Background



This preview shows how black text looks on a background with the Yxy color 92.8746, 0.3645, 0.4314.



This preview shows how white text looks on a background with the Yxy color 92.8746, 0.3645, 0.4314.

Color Blindness Simulation

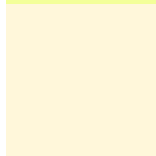
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



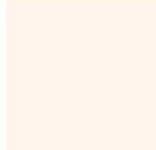
Original Color

92.8746, 0.3645, 0.4314



Protanopia

92.8435, 0.3357, 0.3576



Deuteranopia

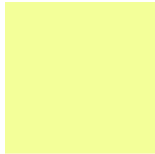
92.6209, 0.3247, 0.3378



Tritanopia

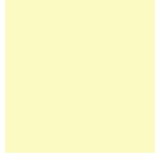
92.6168, 0.3113, 0.3184

Trichromacy



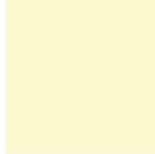
Original Color

92.8746, 0.3645, 0.4314



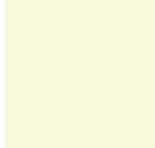
Protanomaly

92.7755, 0.3473, 0.3849



Deuteranomaly

92.7168, 0.3401, 0.3719



Tritanomaly

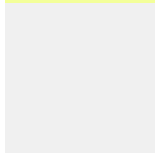
92.3365, 0.3315, 0.3589

Monochromacy



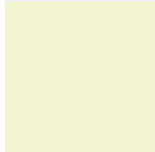
Original Color

92.8746, 0.3645, 0.4314



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5597, 0.3327, 0.3668

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8746, 0.3645, 0.4314 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, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 153)  
}
```

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, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 153) }
```

Border

The CSS property to change the border of an element to Yxy 92.8746, 0.3645, 0.4314 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, 255, 153) }
```

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

```
.border{ border-color:rgb(243, 255, 153) }
```

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

Here you see how a box with a 4 pixel rgb(243, 255, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8746, 0.3645, 0.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 153) }
```

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

```
.background{ background-color: rgb(243,  
255, 153) }
```

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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