

Converting Colors

$Y_{xy}(112.3323, 0.3585, 0.4553)$

Have a look what the booklet for
Yxy(112.3323, 0.3585, 0.4553)
contains.

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Color

Yxy(93.1345, 0.3675, 0.4337)

Conversions

Conversions Part 1

Format	Color
Hex	F5FF96
RGB	245, 255, 150
RGB Percent	96%, 100%, 59%
CMY	0.0393, 0.0000, 0.4116
CMYK	0.04, 0.00, 0.41, 0.00
HSL	66°, 100%, 79%
HSV	66°, 41%, 100%
XYZ	78.9184, 93.1345, 42.6911
YIQ	240.0400, 27.7450, -34.7750

Conversions

Conversions Part 2

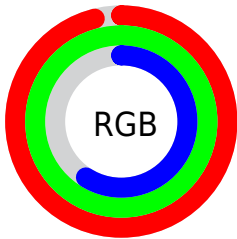
Format	Color
R _Y B	150, 255, 160
Decimal	16121750
CIE Lab	97.28, -18.34, 48.93
CIE LCh	97, 52.255, 110.543
Yxy	93.1345, 0.3675, 0.4337
Android (android.graphics.Color)	4294311830 (0xFFFF5FF96)
YUV	240.0400, -44.3897, 4.3499
Hunter-Lab	96.5062, -22.9166, 41.3264

Details

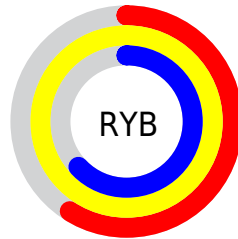
The Yxy color **93.1345, 0.3675, 0.4337** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.5295, 0.2424, 0.2037**, and the grayscale version is **87.5066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **51.8160, 0.3768, 0.4557** is the 20% darker color. If you saturate the color by 10%, you get **91.9626, 0.3789, 0.4571**, and if you desaturate by 10%, it is **94.4861, 0.3548, 0.4085**.

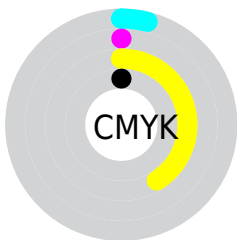
Distribution



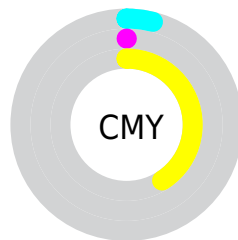
- Red (96%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (63%)



- Cyan (4%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1345, 0.3675, 0.4337 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 93.1345, 0.3675, 0.4337 by changing the saturation by 10% instead.

 93.1345, 0.3675,
0.4337

 93.1345, 0.3675,
0.4337


538.1754, 0.3450,
0.3868

 70.5833, 0.3718,
0.4438


 151.6848, 0.3603,
0.4178

 52.0022, 0.3768,
0.4560

 188.4527, 0.3574,
0.4116

 37.0068, 0.3823,
0.4708


230.7283, 0.3547,
0.4061

 25.2128, 0.3885,
0.4890

278.8960, 0.3523,
0.4013

 16.2357, 0.3948,
0.5118

333.3401, 0.3502,
0.3970

 9.6911, 0.3999,
0.5401

394.4451, 0.3483,

 5.1946, 0.4107,

0.3932

0.5893

462.5954, 0.3466,
0.3898

■ 2.3619, 0.3867,
0.6133

■ 0.8062, 0.2833,
0.7167

■ 93.1345, 0.3675,
0.4337

■ 93.1345, 0.3675,
0.4337

■ 91.9626, 0.3789,
0.4571

■ 94.4861, 0.3548,
0.4085

■ 90.9659, 0.3885,
0.4777

■ 96.0353, 0.3413,
0.3826

■ 90.1288, 0.3958,
0.4945

■ 97.7895, 0.3277,
0.3568

■ 89.4364, 0.4004,
0.5070

■ 99.7580, 0.3142,
0.3318

■ 88.8704, 0.4024,
0.5149

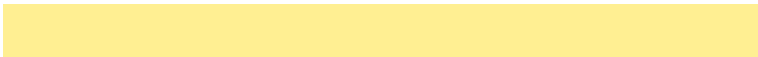
100.0000, 0.3127,
0.3290

■ 88.4505, 0.4023,
0.5187

Harmonies

Analogous

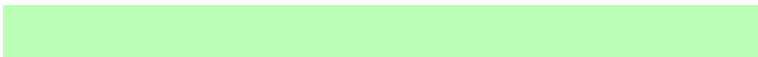
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1345, 0.4112, 0.4105



93.1345, 0.3675, 0.4337



93.1345, 0.3114, 0.4244

Triad

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



93.1345, 0.3675, 0.4337



93.1345, 0.2090, 0.2716



93.1345, 0.3645, 0.2838

Complementary

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



93.1345, 0.3675, 0.4337



36.5295, 0.2424, 0.2037

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.



93.1345, 0.3053, 0.2532



93.1345, 0.3675, 0.4337



93.1345, 0.2198, 0.2439

Square

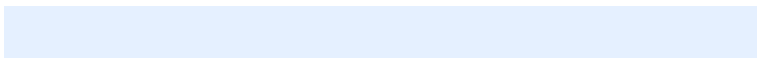
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.1345, 0.3675, 0.4337



93.1345, 0.2221, 0.3208



93.1345, 0.2533, 0.2386



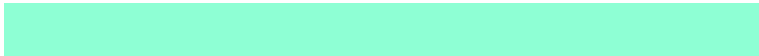
93.1345, 0.4115, 0.3251

Rectangle

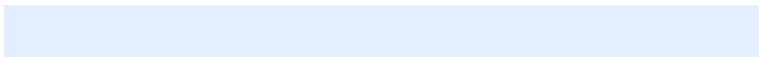
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.1345, 0.3675, 0.4337



93.1345, 0.2748, 0.3978



93.1345, 0.2533, 0.2386



93.1345, 0.3451, 0.2721

Sweetspot

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



93.1321, 0.3675, 0.4337



97.6335, 0.3288, 0.3589



48.1896, 0.4152, 0.3385



20.8465, 0.3306, 0.3623



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

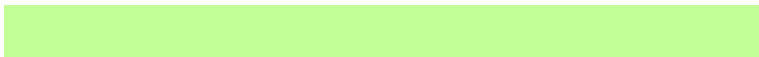
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1321, 0.3675, 0.4337



92.1998, 0.3766, 0.4523



85.1637, 0.3330, 0.4468



20.9974, 0.3254, 0.3526



46.2534, 0.4026, 0.5185



4.5281, 0.4046, 0.5169

Inverse Universe

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



36.5295, 0.2424, 0.2037



28.9478, 0.2263, 0.1761



42.9374, 0.2812, 0.2160



17.4607, 0.2993, 0.3045



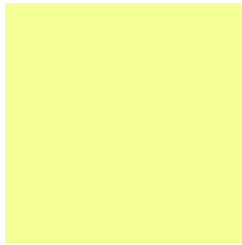
3.9038, 0.1531, 0.0617



0.4066, 0.1594, 0.0652

Previews

White Background



This preview shows how the Yxy color 93.1345, 0.3675, 0.4337 looks on a white background.

Color Contrast Check

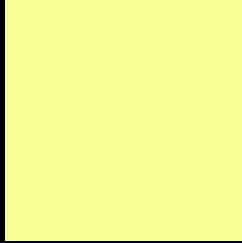
Large Text (above 18pt) WCAG AA × Fail

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 93.1345, 0.3675, 0.4337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

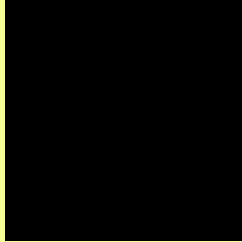
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.1345, 0.3675, 0.4337

Background



This preview shows how black text looks on a background with the Yxy color 93.1345, 0.3675, 0.4337.

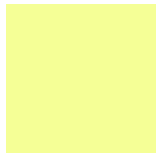


This preview shows how white text looks on a background with the Yxy color 93.1345, 0.3675, 0.4337.

Color Blindness Simulation

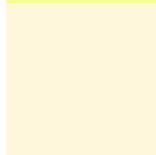
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



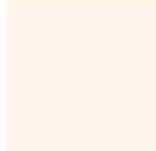
Original Color

93.1345, 0.3675, 0.4337



Protanopia

92.9488, 0.3344, 0.3556



Deuteranopia

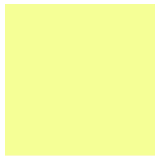
92.6209, 0.3247, 0.3378



Tritanopia

92.8040, 0.3119, 0.3184

Trichromacy



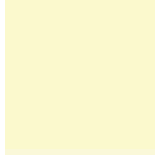
Original Color

93.1345, 0.3675, 0.4337



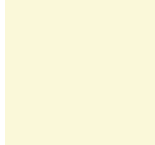
Protanomaly

92.8206, 0.3467, 0.3839



Deuteranomaly

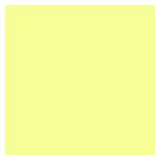
92.6684, 0.3407, 0.3729



Tritanomaly

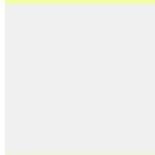
92.4686, 0.3328, 0.3598

Monochromacy



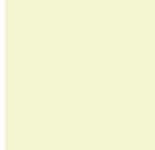
Original Color

93.1345, 0.3675, 0.4337



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.6871, 0.3340, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1345, 0.3675, 0.4337 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(245, 255, 150)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 150)  
}
```

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(245, 255, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 150) }
```

Border

The CSS property to change the border of an element to Yxy 93.1345, 0.3675, 0.4337 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(245, 255, 150) }
```

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

```
.border{ border-color:rgb(245, 255, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1345, 0.3675, 0.4337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 150) }
```

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

```
.background{ background-color: rgb(245,  
255, 150) }
```

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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