

Converting Colors

$Y_{xy}(92.4942, 0.3638, 0.4330)$

Have a look what the booklet for
Yxy(92.4942, 0.3638, 0.4330)
contains.

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Color

Yxy(92.4878, 0.3637, 0.4329)

Conversions

Conversions Part 1

Format	Color
Hex	F1FF98
RGB	241, 255, 152
RGB Percent	95%, 100%, 60%
CMY	0.0549, 0.0000, 0.4040
CMYK	0.05, 0.00, 0.40, 0.00
HSL	68°, 100%, 80%
HSV	68°, 40%, 100%
XYZ	77.7034, 92.4878, 43.4558
YIQ	239.0720, 24.7190, -35.0010

Conversions

Conversions Part 2

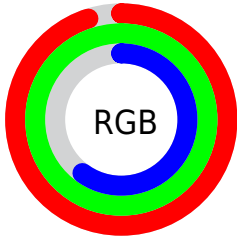
Format	Color
R_{YB}	152, 255, 166
Decimal	15859608
CIE _{Lab}	97.02, -19.63, 47.61
CIE _{LCh}	97, 51.497, 112.405
Yxy	92.4878, 0.3637, 0.4329
Android (android.graphics.Color)	4294049688 (0xFFFF1FF98)
YUV	239.0720, -42.9265, 1.6909
Hunter-Lab	96.1706, -24.0750, 40.5285

Details

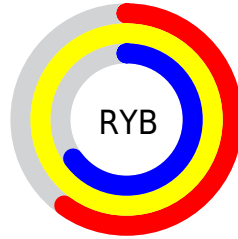
The Yxy color **92.4878, 0.3637, 0.4329** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.7777, 0.2468, 0.2072**, and the grayscale version is **86.7012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **51.3563, 0.3720, 0.4551** is the 20% darker color. If you saturate the color by 10%, you get **91.1367, 0.3745, 0.4571**, and if you desaturate by 10%, it is **94.0310, 0.3516, 0.4071**.

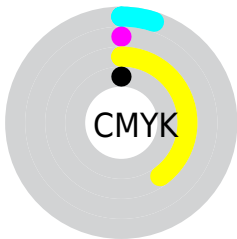
Distribution



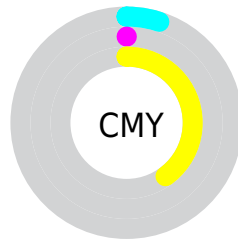
- Red (95%)
- Green (100%)
- Blue (60%)



- 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 92.4878, 0.3637, 0.4329 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 92.4878, 0.3637, 0.4329 by changing the saturation by 10% instead.


 92.4878, 0.3637,
0.4329


 92.4878, 0.3637,
0.4329


536.0908, 0.3428,
0.3861

 70.0459, 0.3677,
0.4431

 150.7893, 0.3570,
0.4170

 51.5639, 0.3723,
0.4553


 187.4176, 0.3543,
0.4107

 36.6576, 0.3774,
0.4703


229.5435, 0.3518,
0.4053

 24.9425, 0.3831,
0.4889

277.5515, 0.3496,
0.4005

 16.0342, 0.3888,
0.5123

331.8257, 0.3477,
0.3962

 9.5484, 0.3933,
0.5418

392.7508, 0.3459,

 5.1006, 0.4046,

0.3925

0.5954

460.7110, 0.3443,
0.3891

■ 2.3064, 0.3785,
0.6215

■ 0.7771, 0.2503,
0.7497

■ 92.4878, 0.3637,
0.4329

■ 92.4878, 0.3637,
0.4329

■ 91.1367, 0.3745,
0.4571

■ 94.0310, 0.3516,
0.4071

■ 89.9647, 0.3835,
0.4788

■ 95.7756, 0.3389,
0.3808

■ 88.9591, 0.3902,
0.4968

■ 97.7318, 0.3259,
0.3549

■ 88.1051, 0.3943,
0.5105

99.9089, 0.3132,
0.3300

■ 87.3847, 0.3958,
0.5195

100.0000, 0.3127,
0.3290

■ 86.7913, 0.3951,
0.5245

Harmonies

Analogous

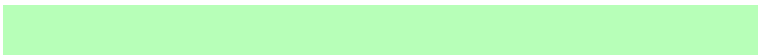
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4878, 0.4080, 0.4118



92.4878, 0.3637, 0.4329



92.4878, 0.3080, 0.4213

Triad

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



92.4878, 0.3637, 0.4329



92.4878, 0.2101, 0.2700



92.4878, 0.3674, 0.2866

Complementary

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



92.4878, 0.3637, 0.4329



37.7777, 0.2468, 0.2072

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.



92.4878, 0.3090, 0.2554



92.4878, 0.3637, 0.4329



92.4878, 0.2223, 0.2439

Square

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



92.4878, 0.3637, 0.4329



92.4878, 0.2216, 0.3174



92.4878, 0.2567, 0.2399



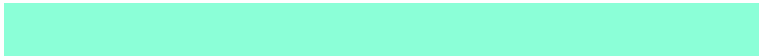
92.4878, 0.4123, 0.3280

Rectangle

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



92.4878, 0.3637, 0.4329



92.4878, 0.2722, 0.3938



92.4878, 0.2567, 0.2399



92.4878, 0.3484, 0.2748

Sweetspot

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



92.4883, 0.3637, 0.4329



97.4036, 0.3280, 0.3590



50.6984, 0.4101, 0.3437



20.7920, 0.3297, 0.3624



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

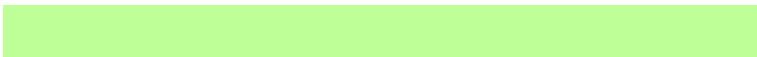
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4883, 0.3637, 0.4329



91.4439, 0.3721, 0.4515



84.7027, 0.3294, 0.4457



20.9583, 0.3248, 0.3526



45.3988, 0.3955, 0.5241



4.4534, 0.3984, 0.5219

Inverse Universe

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



37.7777, 0.2468, 0.2072



30.2969, 0.2317, 0.1808



44.4593, 0.2861, 0.2195



17.4960, 0.3000, 0.3046



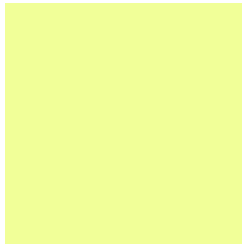
3.9920, 0.1551, 0.0628



0.4232, 0.1632, 0.0673

Previews

White Background



This preview shows how the Yxy color 92.4878, 0.3637, 0.4329 looks on a white background.

Color Contrast Check

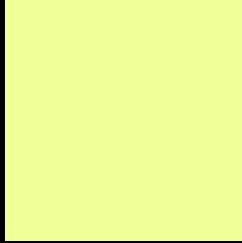
Large Text (above 18pt) WCAG AA × Fail

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 92.4878, 0.3637, 0.4329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

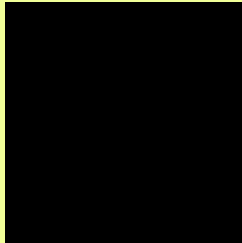
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

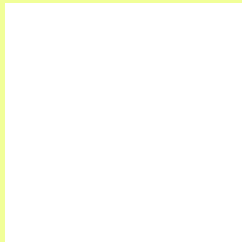
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4878, 0.3637, 0.4329

Background



This preview shows how black text looks on a background with the Yxy color 92.4878, 0.3637, 0.4329.

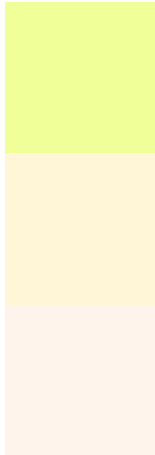


This preview shows how white text looks on a background with the Yxy color 92.4878, 0.3637, 0.4329.

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

92.4878, 0.3637, 0.4329

Protanopia

92.1294, 0.3371, 0.3586

Deuteranopia

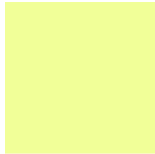
91.9595, 0.3254, 0.3378



Tritanopia

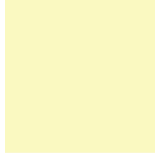
92.4306, 0.3106, 0.3184

Trichromacy



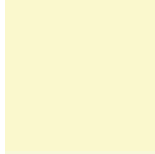
Original Color

92.4878, 0.3637, 0.4329



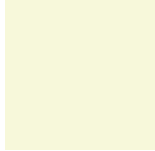
Protanomaly

91.9256, 0.3474, 0.3851



Deuteranomaly

91.8666, 0.3402, 0.3720



Tritanomaly

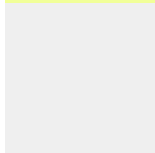
91.9709, 0.3302, 0.3590

Monochromacy



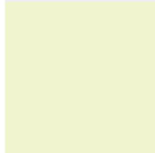
Original Color

92.4878, 0.3637, 0.4329



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.3351, 0.3326, 0.3680

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4878, 0.3637, 0.4329 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(241, 255, 152)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 152)  
}
```

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(241, 255, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 152) }
```

Border

The CSS property to change the border of an element to Yxy 92.4878, 0.3637, 0.4329 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(241, 255, 152) }
```

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

```
.border{ border-color:rgb(241, 255, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 152);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4878, 0.3637, 0.4329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 152) }
```

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

```
.background{ background-color: rgb(241,  
255, 152) }
```

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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