

Converting Colors

$Y_{xy}(100.0000, 0.3744, 0.4580)$

Have a look what the booklet for
Yxy(100.0000, 0.3744, 0.4580)
contains.

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Color

Yxy(92.9329, 0.3789, 0.4502)

Conversions

Conversions Part 1

Format	Color
Hex	F7FF83
RGB	247, 255, 131
RGB Percent	97%, 100%, 51%
CMY	0.0313, 0.0000, 0.4864
CMYK	0.03, 0.00, 0.49, 0.00
HSL	64°, 100%, 76%
HSV	64°, 49%, 100%
XYZ	78.2147, 92.9329, 35.2782
YIQ	238.4720, 35.0360, -40.2600

Conversions

Conversions Part 2

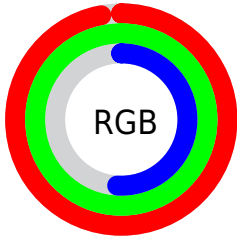
Format	Color
R _Y B	131, 255, 139
Decimal	16252803
CIE Lab	97.20, -19.39, 57.81
CIE LCh	97, 60.971, 108.539
Yxy	92.9329, 0.3789, 0.4502
Android (android.graphics.Color)	4294442883 (0xFFFF7FF83)
YUV	238.4720, -52.9837, 7.4791
Hunter-Lab	96.4017, -23.8785, 45.7840

Details

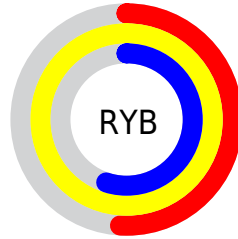
The Yxy color **92.9329, 0.3789, 0.4502** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **28.9322, 0.2244, 0.1764**, and the grayscale version is **86.2823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3252, 0.3538, 0.3969**, and **51.7428, 0.3900, 0.4746** is the 20% darker color. If you saturate the color by 10%, you get **92.0275, 0.3896, 0.4710**, and if you desaturate by 10%, it is **94.0119, 0.3665, 0.4267**.

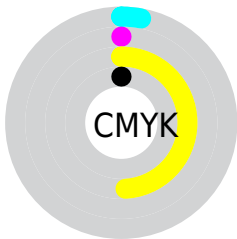
Distribution



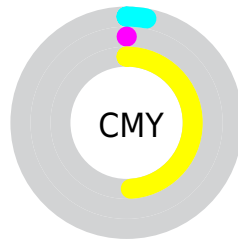
- Red (97%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (55%)



- Cyan (3%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9329, 0.3789, 0.4502 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 92.9329, 0.3789, 0.4502 by changing the saturation by 10% instead.


 92.9329, 0.3789,
0.4502


 92.9329, 0.3789,
0.4502

537.5260, 0.3523,
0.3964


 70.4157, 0.3838,
0.4616


 151.4057, 0.3706,
0.4322

 51.8655, 0.3892,
0.4750


 188.1301, 0.3671,
0.4250

 36.8979, 0.3951,
0.4911

 230.3591, 0.3640,
0.4187

 25.1285, 0.4011,
0.5104

278.4770, 0.3611,
0.4132

 16.1728, 0.4064,
0.5335

332.8683, 0.3586,
0.4083

 9.6465, 0.4108,
0.5633

393.9173, 0.3563,

 5.1652, 0.4060,

0.4039

0.5940

462.0084, 0.3542,
0.4000

■ 2.3445, 0.3805,
0.6195

■ 0.7971, 0.2630,
0.7370

■ 92.9329, 0.3789,
0.4502

■ 92.9329, 0.3789,
0.4502

■ 92.0275, 0.3896,
0.4710

■ 94.0119, 0.3665,
0.4267

■ 91.2817, 0.3980,
0.4882

■ 95.2746, 0.3530,
0.4016

■ 90.6815, 0.4038,
0.5011

■ 96.7319, 0.3389,
0.3759

■ 90.2096, 0.4070,
0.5095

■ 98.3935, 0.3247,
0.3504

■ 89.8416, 0.4079,
0.5139

100.0000, 0.3127,
0.3290

■ 89.7951, 0.4079,
0.5143

Harmonies

Analogous

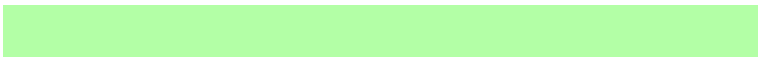
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9329, 0.4286, 0.4190



92.9329, 0.3789, 0.4502



92.9329, 0.3144, 0.4443

Triad

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



92.9329, 0.3789, 0.4502



92.9329, 0.1941, 0.2645



92.9329, 0.3684, 0.2741

Complementary

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



92.9329, 0.3789, 0.4502



28.9322, 0.2244, 0.1764

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.



92.9329, 0.2991, 0.2406



92.9329, 0.3789, 0.4502



92.9329, 0.2046, 0.2321

Square

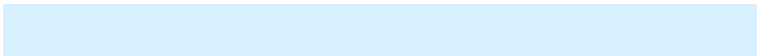
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.9329, 0.3789, 0.4502



92.9329, 0.2102, 0.3228



92.9329, 0.2406, 0.2253



92.9329, 0.4255, 0.3200

Rectangle

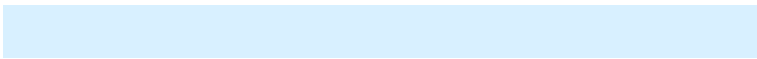
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.9329, 0.3789, 0.4502



92.9329, 0.2719, 0.4145



92.9329, 0.2406, 0.2253



92.9329, 0.3453, 0.2612

Sweetspot

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



92.9333, 0.3789, 0.4502



97.3122, 0.3337, 0.3665



40.8395, 0.4465, 0.3358



20.7561, 0.3367, 0.3719



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

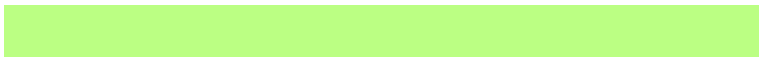
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9333, 0.3789, 0.4502



92.0803, 0.3889, 0.4698



83.6959, 0.3379, 0.4691



21.0276, 0.3259, 0.3525



46.9453, 0.4081, 0.5142



4.5882, 0.4094, 0.5131

Inverse Universe

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



28.9322, 0.2244, 0.1764



21.5127, 0.2050, 0.1441



35.6139, 0.2701, 0.1933



17.4336, 0.2988, 0.3045



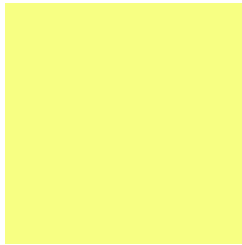
3.8531, 0.1519, 0.0611



0.3938, 0.1564, 0.0635

Previews

White Background



This preview shows how the Yxy color 92.9329, 0.3789, 0.4502 looks on a white background.

Color Contrast Check

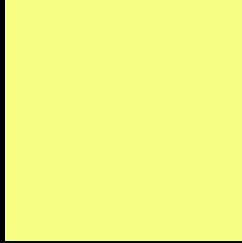
Large Text (above 18pt) WCAG AA × Fail

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 92.9329, 0.3789, 0.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

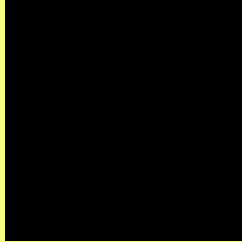
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.9329, 0.3789, 0.4502

Background



This preview shows how black text looks on a background with the Yxy color 92.9329, 0.3789, 0.4502.



This preview shows how white text looks on a background with the Yxy color 92.9329, 0.3789, 0.4502.

Color Blindness Simulation

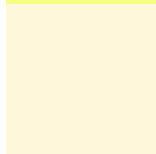
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



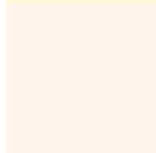
Original Color

92.9329, 0.3789, 0.4502



Protanopia

92.8435, 0.3357, 0.3576



Deuteranopia

92.5630, 0.3253, 0.3388



Tritanopia

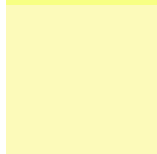
92.5169, 0.3139, 0.3185

Trichromacy



Original Color

92.9329, 0.3789, 0.4502



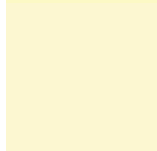
Protanomaly

92.6118, 0.3529, 0.3928



Deuteranomaly

92.4780, 0.3463, 0.3809



Tritanomaly

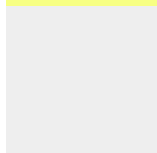
91.8204, 0.3392, 0.3668

Monochromacy



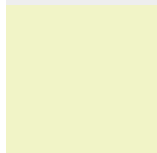
Original Color

92.9329, 0.3789, 0.4502



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.5257, 0.3384, 0.3753

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9329, 0.3789, 0.4502 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(247, 255, 131)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 131)  
}
```

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(247, 255, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 131) }
```

Border

The CSS property to change the border of an element to Yxy 92.9329, 0.3789, 0.4502 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(247, 255, 131) }
```

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

```
.border{ border-color:rgb(247, 255, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 255, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 255, 131); box-shadow:4px 4px 4px 4px rgb(247, 255, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9329, 0.3789, 0.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 131) }
```

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

```
.background{ background-color: rgb(247,  
255, 131) }
```

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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