

Converting Colors

$Y_{xy}(100.0000, 0.3965, 0.4935)$

Have a look what the booklet for
Yxy(100.0000, 0.3965, 0.4935)
contains.

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Color

Yxy(92.3941, 0.4030, 0.4864)

Conversions

Conversions Part 1

Format	Color
Hex	FAFF4E
RGB	250, 255, 78
RGB Percent	98%, 100%, 31%
CMY	0.0197, 0.0000, 0.6940
CMYK	0.02, 0.00, 0.69, 0.00
HSL	62°, 100%, 65%
HSV	62°, 69%, 100%
XYZ	76.5519, 92.3941, 21.0090
YIQ	233.3270, 53.8370, -56.1070

Conversions

Conversions Part 2

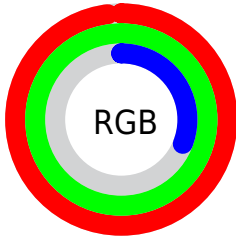
Format	Color
RYB	78, 255, 83
Decimal	16449358
CIELab	96.98, -21.78, 79.23
CIELCh	97, 82.166, 105.375
Yxy	92.3941, 0.4030, 0.4864
Android (android.graphics.Color)	4294639438 (0xFFFAFF4E)
YUV	233.3270, -76.5762, 14.6222
Hunter-Lab	96.1218, -26.0551, 54.3265

Details

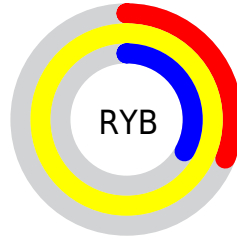
The Yxy color **92.3941, 0.4030, 0.4864** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **14.5125, 0.1804, 0.1075**, and the grayscale version is **82.2967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5861, 0.3814, 0.4426**, and **51.7940, 0.4114, 0.5115** is the 20% darker color. If you saturate the color by 10%, you get **91.9573, 0.4093, 0.4982**, and if you desaturate by 10%, it is **92.9622, 0.3941, 0.4703**.

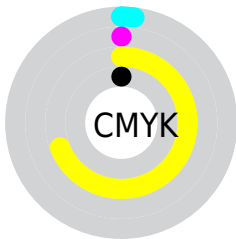
Distribution



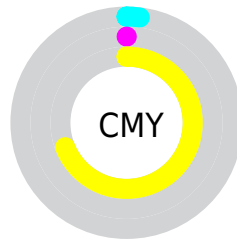
- Red (98%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (33%)



- Cyan (2%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3941, 0.4030, 0.4864 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 92.3941, 0.4030, 0.4864 by changing the saturation by 10% instead.


 92.3941, 0.4030,
0.4864


 92.3941, 0.4030,
0.4864


535.7884, 0.3694,
0.4192


 69.9680, 0.4082,
0.4994

 150.6595, 0.3933,
0.4648

 51.5005, 0.4133,
0.5142


 187.2676, 0.3890,
0.4559

 36.6070, 0.4178,
0.5308

 229.3718, 0.3850,
0.4480

 24.9034, 0.4207,
0.5489

 277.3565, 0.3813,
0.4409

 16.0051, 0.4232,
0.5723

331.6061, 0.3779,
0.4346

 9.5278, 0.4130,
0.5870

392.5050, 0.3749,

 5.0870, 0.3951,

0.4290

0.6049

460.4377, 0.3720,
0.4239

■ 2.2984, 0.3659,
0.6341

■ 0.7729, 0.2078,
0.7922

■ 92.3941, 0.4030,
0.4864

■ 92.3941, 0.4030,
0.4864

■ 91.9573, 0.4093,
0.4982

■ 92.9622, 0.3941,
0.4703

■ 91.6508, 0.4129,
0.5056

■ 93.6926, 0.3830,
0.4504


■ 91.4423, 0.4142,
0.5091

■ 94.5927, 0.3700,
0.4277

■ 91.4311, 0.4143,
0.5092

■ 95.6740, 0.3559,
0.4031

 96.9470, 0.3411,
0.3777

 98.4215, 0.3263,
0.3523

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



92.3941, 0.4677, 0.4342



92.3941, 0.4030, 0.4864



92.3941, 0.3195, 0.4934

Triad

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



92.3941, 0.4030, 0.4864



92.3941, 0.1610, 0.2473



92.3941, 0.3767, 0.2518

Complementary

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



92.3941, 0.4030, 0.4864



14.5125, 0.1804, 0.1075

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.



92.3941, 0.2837, 0.2124



92.3941, 0.4030, 0.4864



92.3941, 0.1711, 0.2052

Square

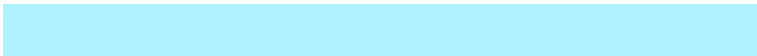
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.3941, 0.4030, 0.4864



92.3941, 0.1827, 0.3274



92.3941, 0.2119, 0.1955



92.3941, 0.4587, 0.3071

Rectangle

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



92.3941, 0.4030, 0.4864



92.3941, 0.2638, 0.4574



92.3941, 0.2119, 0.1955



92.3941, 0.3449, 0.2365

Sweetspot

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



92.3886, 0.4030, 0.4864



96.7307, 0.3435, 0.3817



27.6903, 0.5462, 0.3320



20.6268, 0.3476, 0.3888



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.



92.3886, 0.4030, 0.4864



91.8338, 0.4109, 0.5013



79.9160, 0.3441, 0.5253



21.0629, 0.3265, 0.3525



47.7865, 0.4144, 0.5092



4.6608, 0.4150, 0.5087

Inverse Universe

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



14.5125, 0.1804, 0.1075



9.6354, 0.1614, 0.0769



21.1571, 0.2400, 0.1364



17.4024, 0.2983, 0.3044



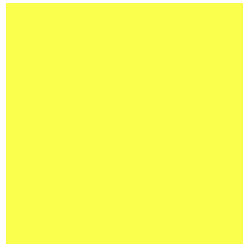
3.8077, 0.1508, 0.0605



0.3790, 0.1528, 0.0616

Previews

White Background



This preview shows how the Yxy color 92.3941, 0.4030, 0.4864 looks on a white background.

Color Contrast Check

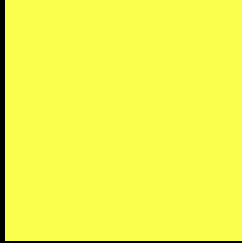
Large Text (above 18pt) WCAG AA × Fail

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 92.3941, 0.4030, 0.4864 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 92.3941, 0.4030, 0.4864

Background



This preview shows how black text looks on a background with the Yxy color 92.3941, 0.4030, 0.4864.



This preview shows how white text looks on a background with the Yxy color 92.3941, 0.4030, 0.4864.

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



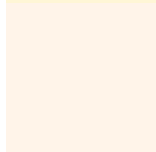
Original Color

92.3941, 0.4030, 0.4864



Protanopia

92.0266, 0.3383, 0.3606



Deuteranopia

91.8446, 0.3267, 0.3398



Tritanopia

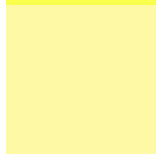
92.3262, 0.3157, 0.3213

Trichromacy



Original Color

92.3941, 0.4030, 0.4864



Protanomaly

91.3506, 0.3665, 0.4125



Deuteranomaly

91.1918, 0.3596, 0.3998



Tritanomaly

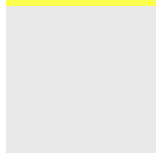
91.0350, 0.3530, 0.3879

Monochromacy



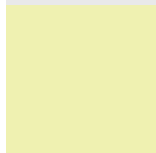
Original Color

92.3941, 0.4030, 0.4864



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

84.4356, 0.3515, 0.3957

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3941, 0.4030, 0.4864 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(250, 255, 78)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 78)  
}
```

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(250, 255, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 78) }
```

Border

The CSS property to change the border of an element to Yxy 92.3941, 0.4030, 0.4864 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(250, 255, 78) }
```

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

```
.border{ border-color:rgb(250, 255, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 78);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3941, 0.4030, 0.4864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 78) }
```

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

```
.background{ background-color: rgb(250,  
255, 78) }
```

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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