

Converting Colors

Yxy(92.5236, 0.4050, 0.4880)

Have a look what the booklet for
Yxy(92.5236, 0.4050, 0.4880)
contains.

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Color

Yxy(92.5236, 0.4050, 0.4880)

Conversions

Conversions Part 1

Format	Color
Hex	FBFF4A
RGB	251, 255, 74
RGB Percent	98%, 100%, 29%
CMY	0.0156, 0.0000, 0.7099
CMYK	0.02, 0.00, 0.71, 0.00
HSL	61°, 100%, 65%
HSV	61°, 71%, 100%
XYZ	76.7870, 92.5236, 20.2869
YIQ	233.1700, 55.7170, -57.1390

Conversions

Conversions Part 2

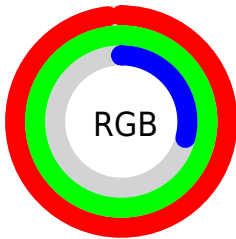
Format	Color
R_{YB}	74, 255, 78
Decimal	16514890
CIE _{Lab}	97.03, -21.54, 80.66
CIE _{LCh}	97, 83.481, 104.950
Yxy	92.5236, 0.4050, 0.4880
Android (android.graphics.Color)	4294704970 (0xFFFBFF4A)
YUV	233.1700, -78.4708, 15.6369
Hunter-Lab	96.1892, -25.8361, 54.8278

Details

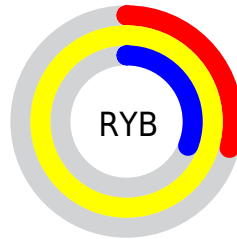
The Yxy color **92.5236, 0.4050, 0.4880** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **13.7337, 0.1772, 0.1030**, and the grayscale version is **82.1961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5012, 0.3829, 0.4451**, and **51.9232, 0.4123, 0.5108** is the 20% darker color. If you saturate the color by 10%, you get **92.1474, 0.4110, 0.4990**, and if you desaturate by 10%, it is **93.0479, 0.3964, 0.4727**.

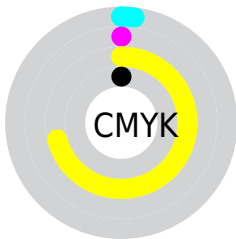
Distribution



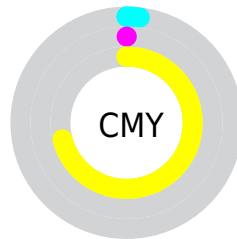
- Red (98%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (31%)



- Cyan (2%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5236, 0.4050, 0.4880 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 92.5236, 0.4050, 0.4880 by changing the saturation by 10% instead.


 92.5236, 0.4050,
0.4880

 92.5236, 0.4050,
0.4880


536.2063, 0.3709,
0.4205

 70.0756, 0.4102,
0.5010

 150.8389, 0.3952,
0.4664

 51.5882, 0.4153,
0.5157


 187.4750, 0.3908,
0.4574


 36.6769, 0.4198,
0.5320


 229.6092, 0.3867,
0.4495

 24.9574, 0.4224,
0.5497

 277.6259, 0.3830,
0.4424

 16.0454, 0.4254,
0.5735

 331.9096, 0.3796,
0.4360

 9.5562, 0.4140,
0.5860


392.8447, 0.3764,


 5.1057, 0.3963,


0.4303


0.6037

460.8154, 0.3735,
0.4251


 2.3094, 0.3675,
0.6325


 0.7787, 0.2159,
0.7841

 92.5236, 0.4050,
0.4880


 92.5236, 0.4050,
0.4880


 92.1474, 0.4110,
0.4990

 93.0479, 0.3964,
0.4727


 91.8883, 0.4143,
0.5055

 93.7224, 0.3854,
0.4535


 91.7335, 0.4154,
0.5083


 94.5644, 0.3726,
0.4313

 95.5857, 0.3585,
0.4070

 96.7969, 0.3437,
0.3817

 98.2078, 0.3288,
0.3562

 99.8276, 0.3141,
0.3314

 99.9991, 0.3127,
0.3290

Harmonies

Analogous

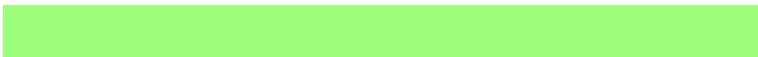
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5236, 0.4704, 0.4343



92.5236, 0.4050, 0.4880



92.5236, 0.3205, 0.4966

Triad

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



92.5236, 0.4050, 0.4880



92.5236, 0.1592, 0.2468



92.5236, 0.3763, 0.2501

Complementary

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



92.5236, 0.4050, 0.4880



13.7337, 0.1772, 0.1030

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.



92.5236, 0.2820, 0.2106



92.5236, 0.4050, 0.4880



92.5236, 0.1690, 0.2039

Square

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



92.5236, 0.4050, 0.4880



92.5236, 0.1815, 0.3286



92.5236, 0.2097, 0.1938



92.5236, 0.4601, 0.3057

Rectangle

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



92.5236, 0.4050, 0.4880



92.5236, 0.2640, 0.4608



92.5236, 0.2097, 0.1938



92.5236, 0.3439, 0.2347

Sweetspot

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



92.5279, 0.4050, 0.4880



96.7962, 0.3437, 0.3817



27.0624, 0.5536, 0.3320



20.6426, 0.3478, 0.3887



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.



92.5279, 0.4050, 0.4880



92.0311, 0.4126, 0.5021



79.6400, 0.3440, 0.5290



21.0692, 0.3266, 0.3525



47.9425, 0.4155, 0.5083



4.6742, 0.4160, 0.5079

Inverse Universe

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



13.7337, 0.1772, 0.1030



9.1359, 0.1590, 0.0736



20.3870, 0.2380, 0.1328



17.3968, 0.2982, 0.3044



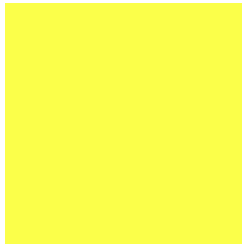
3.7997, 0.1507, 0.0604



0.3763, 0.1522, 0.0612

Previews

White Background



This preview shows how the Yxy color 92.5236, 0.4050, 0.4880 looks on a white background.

Color Contrast Check

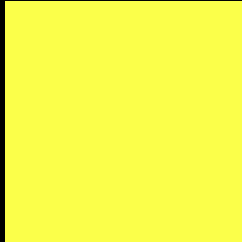
Large Text (above 18pt) WCAG AA × Fail

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 92.5236, 0.4050, 0.4880 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 92.5236, 0.4050, 0.4880

Background



This preview shows how black text looks on a background with the Yxy color 92.5236, 0.4050, 0.4880.



This preview shows how white text looks on a background with the Yxy color 92.5236, 0.4050, 0.4880.

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



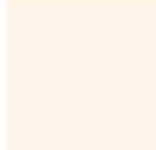
Original Color

92.5236, 0.4050, 0.4880



Protanopia

92.0778, 0.3377, 0.3596



Deuteranopia

92.4480, 0.3266, 0.3407



Tritanopia

92.3262, 0.3157, 0.3213

Trichromacy



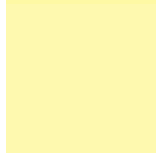
Original Color

92.5236, 0.4050, 0.4880



Protanomaly

91.5025, 0.3678, 0.4132



Deuteranomaly

91.9173, 0.3612, 0.4025



Tritanomaly

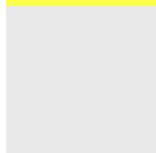
91.1802, 0.3544, 0.3888

Monochromacy



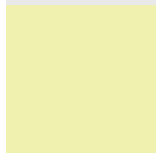
Original Color

92.5236, 0.4050, 0.4880



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

84.5310, 0.3534, 0.3977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5236, 0.4050, 0.4880 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(251, 255, 74)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 74)  
}
```

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(251, 255, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 74) }
```

Border

The CSS property to change the border of an element to Yxy 92.5236, 0.4050, 0.4880 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(251, 255, 74) }
```

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

```
.border{ border-color:rgb(251, 255, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 74);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5236, 0.4050, 0.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 74) }
```

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

```
.background{ background-color: rgb(251,  
255, 74) }
```

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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