

Converting Colors

$Y_{xy}(100.0000, 0.3949, 0.4900)$

Have a look what the booklet for
Yxy(100.0000, 0.3949, 0.4900)
contains.

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Color

Yxy(92.4841, 0.4010, 0.4830)

Conversions

Conversions Part 1

Format	Color
Hex	FAFF54
RGB	250, 255, 84
RGB Percent	98%, 100%, 33%
CMY	0.0197, 0.0000, 0.6702
CMYK	0.02, 0.00, 0.67, 0.00
HSL	62°, 100%, 66%
HSV	62°, 67%, 100%
XYZ	76.7829, 92.4841, 22.2115
YIQ	234.0110, 51.9110, -54.2410

Conversions

Conversions Part 2

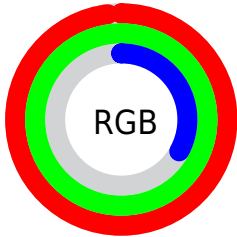
Format	Color
R_{YB}	84, 255, 89
Decimal	16449364
CIE _{Lab}	97.02, -21.48, 77.12
CIE _{LCh}	97, 80.058, 105.560
Yxy	92.4841, 0.4010, 0.4830
Android (android.graphics.Color)	4294639444 (0xFFFAFF54)
YUV	234.0110, -73.9554, 14.0224
Hunter-Lab	96.1687, -25.7774, 53.6242

Details

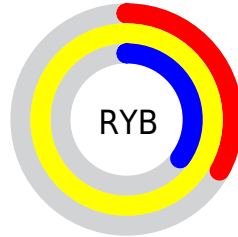
The Yxy color **92.4841, 0.4010, 0.4830** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **15.7062, 0.1846, 0.1143**, and the grayscale version is **82.8335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7330, 0.3788, 0.4382**, and **51.3419, 0.4120, 0.5104** is the 20% darker color. If you saturate the color by 10%, you get **92.0142, 0.4079, 0.4959**, and if you desaturate by 10%, it is **93.0963, 0.3915, 0.4659**.

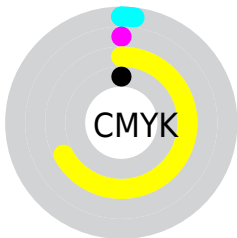
Distribution



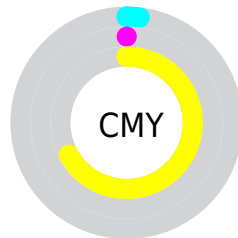
- Red (98%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (35%)



- Cyan (2%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4841, 0.4010, 0.4830 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 92.4841, 0.4010, 0.4830 by changing the saturation by 10% instead.

 92.4841, 0.4010,
0.4830

 92.4841, 0.4010,
0.4830


536.0788, 0.3679,
0.4170


 70.0428, 0.4062,
0.4960


 150.7842, 0.3913,
0.4617

 51.5614, 0.4115,
0.5107


 187.4117, 0.3870,
0.4529

 36.6556, 0.4163,
0.5274


 229.5368, 0.3831,
0.4451

 24.9410, 0.4197,
0.5458

 277.5438, 0.3795,
0.4382

 16.0331, 0.4219,
0.5683

331.8171, 0.3762,
0.4321

 9.5476, 0.4141,
0.5859


392.7411, 0.3732,


 5.1000, 0.3965,

0.4265


0.6035


460.7002, 0.3704,
0.4215

 2.3061, 0.3678,
0.6322

 0.7769, 0.2161,
0.7839


 92.4841, 0.4010,
0.4830

 92.4841, 0.4010,
0.4830


 92.0142, 0.4079,
0.4959

 93.0963, 0.3915,
0.4659


 91.6754, 0.4121,
0.5043


 93.8705, 0.3799,
0.4453

 91.4447, 0.4139,
0.5086

 94.8172, 0.3667,
0.4220

 91.3874, 0.4141,
0.5094

 95.9478, 0.3523,
0.3971

 97.2725, 0.3376,
0.3716

 98.8008, 0.3228,
0.3463

100.0000, 0.3127,
0.3290

Harmonies

Analogous

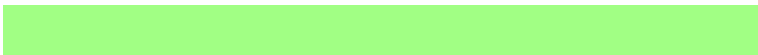
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4841, 0.4642, 0.4329



92.4841, 0.4010, 0.4830



92.4841, 0.3193, 0.4885

Triad

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



92.4841, 0.4010, 0.4830



92.4841, 0.1641, 0.2491



92.4841, 0.3758, 0.2539

Complementary

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



92.4841, 0.4010, 0.4830



15.7062, 0.1846, 0.1143

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.



92.4841, 0.2851, 0.2150



92.4841, 0.4010, 0.4830



92.4841, 0.1742, 0.2078

Square

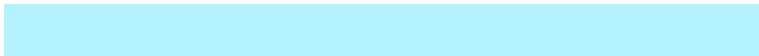
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.4841, 0.4010, 0.4830



92.4841, 0.1854, 0.3271



92.4841, 0.2145, 0.1983



92.4841, 0.4553, 0.3082

Rectangle

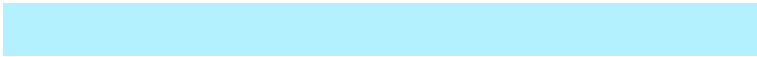
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.4841, 0.4010, 0.4830



92.4841, 0.2648, 0.4531



92.4841, 0.2145, 0.1983



92.4841, 0.3448, 0.2388

Sweetspot

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



92.4823, 0.4010, 0.4830



96.8567, 0.3420, 0.3792



28.7100, 0.5348, 0.3320



20.6509, 0.3461, 0.3864



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.



92.4823, 0.4010, 0.4830



91.9005, 0.4094, 0.4989



80.3448, 0.3442, 0.5194



21.0620, 0.3265, 0.3525



47.7641, 0.4142, 0.5093



4.6589, 0.4148, 0.5088

Inverse Universe

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



15.7062, 0.1846, 0.1143



10.4572, 0.1649, 0.0824



22.3923, 0.2432, 0.1421



17.4032, 0.2983, 0.3044



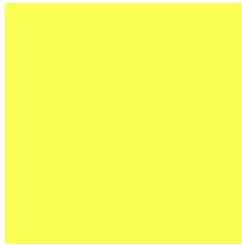
3.8088, 0.1509, 0.0605



0.3794, 0.1529, 0.0616

Previews

White Background



This preview shows how the Yxy color 92.4841, 0.4010, 0.4830 looks on a white background.

Color Contrast Check

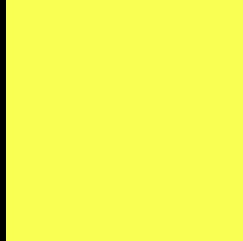
Large Text (above 18pt) WCAG AA × Fail

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 92.4841, 0.4010, 0.4830 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 92.4841, 0.4010, 0.4830

Background



This preview shows how black text looks on a background with the Yxy color 92.4841, 0.4010, 0.4830.



This preview shows how white text looks on a background with the Yxy color 92.4841, 0.4010, 0.4830.

Color Blindness Simulation

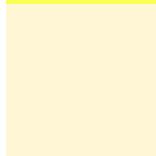
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



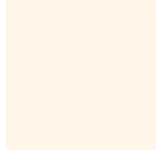
Original Color

92.4841, 0.4010, 0.4830



Protanopia

92.0266, 0.3383, 0.3606



Deuteranopia

92.4480, 0.3266, 0.3407



Tritanopia

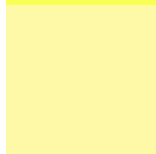
92.3262, 0.3157, 0.3213

Trichromacy



Original Color

92.4841, 0.4010, 0.4830



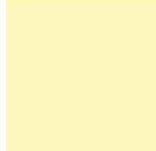
Protanomaly

91.4240, 0.3653, 0.4105



Deuteranomaly

91.8887, 0.3581, 0.3987



Tritanomaly

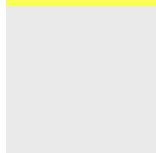
91.1219, 0.3518, 0.3859

Monochromacy



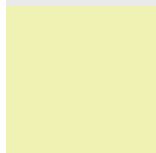
Original Color

92.4841, 0.4010, 0.4830



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

85.2842, 0.3507, 0.3944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4841, 0.4010, 0.4830 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, 84)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 84)  
}
```

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, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 84) }
```

Border

The CSS property to change the border of an element to Yxy 92.4841, 0.4010, 0.4830 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, 84) }
```

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

```
.border{ border-color:rgb(250, 255, 84) }
```

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, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 84);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4841, 0.4010, 0.4830 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, 84) }
```

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

```
.background{ background-color: rgb(250,  
255, 84) }
```

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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