

Converting Colors

$Yxy(92.9033, 0.3946, 0.4714)$

Have a look what the booklet for
Yxy(92.9033, 0.3946, 0.4714)
contains.

Yxy(92.9885, 0.3950, 0.4712)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.9885, 0.3950, 0.4712)

Conversions

Conversions Part 1

Format	Color
Hex	FBFF66
RGB	251, 255, 102
RGB Percent	98%, 100%, 40%
CMY	0.0155, 0.0000, 0.6001
CMYK	0.02, 0.00, 0.60, 0.00
HSL	62°, 100%, 70%
HSV	62°, 60%, 100%
XYZ	77.9509, 92.9885, 26.4046
YIQ	236.3620, 46.7290, -48.4310

Conversions

Conversions Part 2

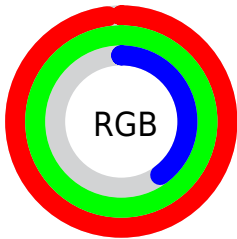
Format	Color
RYB	102, 255, 106
Decimal	16514918
CIELab	97.22, -20.01, 70.49
CIElCh	97, 73.277, 105.847
Yxy	92.9885, 0.3950, 0.4712
Android (android.graphics.Color)	4294704998 (0xFFFBFF66)
YUV	236.3620, -66.2405, 12.8375
Hunter-Lab	96.4305, -24.4607, 51.2666

Details

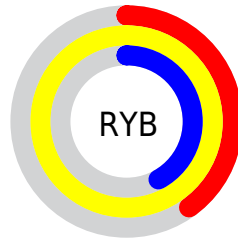
The Yxy color **92.9885, 0.3950, 0.4712** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **19.7796, 0.1976, 0.1360**, and the grayscale version is **84.6687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2486, 0.3700, 0.4238**, and **51.6317, 0.4061, 0.4981** is the 20% darker color. If you saturate the color by 10%, you get **92.4400, 0.4038, 0.4870**, and if you desaturate by 10%, it is **93.7015, 0.3839, 0.4516**.

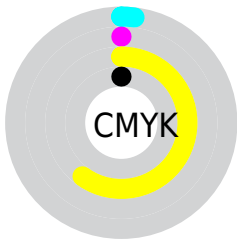
Distribution



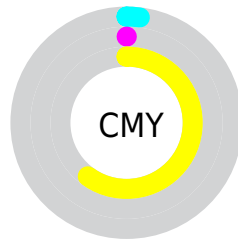
- Red (98%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9885, 0.3950, 0.4712 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 92.9885, 0.3950, 0.4712 by changing the saturation by 10% instead.


 92.9885, 0.3950,
0.4712


 92.9885, 0.3950,
0.4712

537.7051, 0.3632,
0.4095


 70.4619, 0.4004,
0.4836


 151.4827, 0.3854,
0.4510

 51.9032, 0.4061,
0.4980


 188.2191, 0.3813,
0.4428

 36.9279, 0.4117,
0.5145


 230.4610, 0.3775,
0.4356

 25.1517, 0.4166,
0.5334

 278.5926, 0.3741,
0.4292

 16.1901, 0.4193,
0.5545

332.9984, 0.3710,
0.4234

 9.6588, 0.4196,
0.5804

394.0629, 0.3681,


 5.1733, 0.4033,


0.4183


0.5967

462.1703, 0.3655,
0.4137


 2.3493, 0.3770,
0.6230


 0.7996, 0.2535,
0.7465

 92.9885, 0.3950,
0.4712

 92.9885, 0.3950,
0.4712

 92.4400, 0.4038,
0.4870


 93.7015, 0.3839,
0.4516


 92.0284, 0.4099,
0.4985

 94.5792, 0.3710,
0.4291

 91.7403, 0.4134,
0.5055

 95.6373, 0.3569,
0.4046

 91.5469, 0.4147,
0.5089

 96.8864, 0.3421,
0.3792

 98.3362, 0.3272,
0.3538

99.9959, 0.3127,
0.3290

99.9979, 0.3127,
0.3290

Harmonies

Analogous

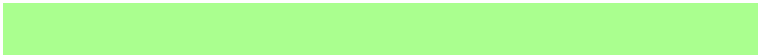
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9885, 0.4527, 0.4275



92.9885, 0.3950, 0.4712



92.9885, 0.3194, 0.4731

Triad

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



92.9885, 0.3950, 0.4712



92.9885, 0.1746, 0.2558



92.9885, 0.3716, 0.2600

Complementary

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



92.9885, 0.3950, 0.4712



19.7796, 0.1976, 0.1360

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.



92.9885, 0.2885, 0.2233



92.9885, 0.3950, 0.4712



92.9885, 0.1842, 0.2168

Square

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



92.9885, 0.3950, 0.4712



92.9885, 0.1949, 0.3274



92.9885, 0.2226, 0.2076



92.9885, 0.4436, 0.3113

Rectangle

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



92.9885, 0.3950, 0.4712



92.9885, 0.2690, 0.4403



92.9885, 0.2226, 0.2076



92.9885, 0.3434, 0.2458

Sweetspot

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



92.9928, 0.3950, 0.4712



97.1638, 0.3391, 0.3741



32.2265, 0.5010, 0.3319



20.7124, 0.3435, 0.3815



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.



92.9928, 0.3950, 0.4712



92.3499, 0.4052, 0.4897



81.6998, 0.3436, 0.5008



21.0654, 0.3265, 0.3525



47.8475, 0.4148, 0.5088



4.6660, 0.4154, 0.5084

Inverse Universe

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



19.7796, 0.1976, 0.1360



13.3203, 0.1759, 0.1005



26.5475, 0.2523, 0.1600



17.4002, 0.2982, 0.3044



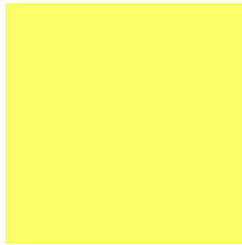
3.8045, 0.1508, 0.0604



0.3780, 0.1526, 0.0614

Previews

White Background



This preview shows how the Yxy color 92.9885, 0.3950, 0.4712 looks on a white background.

Color Contrast Check

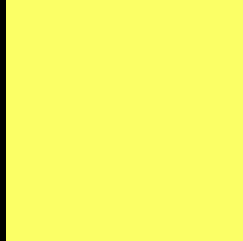
Large Text (above 18pt) WCAG AA × Fail

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 92.9885, 0.3950, 0.4712 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 92.9885, 0.3950, 0.4712

Background



This preview shows how black text looks on a background with the Yxy color 92.9885, 0.3950, 0.4712.



This preview shows how white text looks on a background with the Yxy color 92.9885, 0.3950, 0.4712.

Color Blindness Simulation

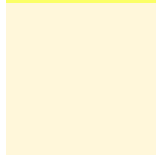
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



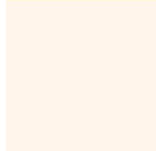
Original Color

92.9885, 0.3950, 0.4712



Protanopia

92.8435, 0.3357, 0.3576



Deuteranopia

92.5630, 0.3253, 0.3388



Tritanopia

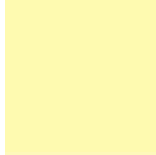
92.9264, 0.3156, 0.3223

Trichromacy



Original Color

92.9885, 0.3950, 0.4712



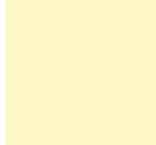
Protanomaly

92.5766, 0.3603, 0.4024



Deuteranomaly

92.4101, 0.3539, 0.3906



Tritanomaly

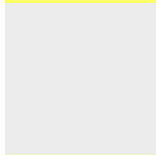
92.2369, 0.3479, 0.3797

Monochromacy



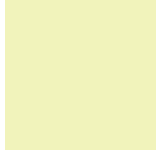
Original Color

92.9885, 0.3950, 0.4712



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

86.3898, 0.3462, 0.3869

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9885, 0.3950, 0.4712 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 102) }
```

Border

The CSS property to change the border of an element to Yxy 92.9885, 0.3950, 0.4712 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, 102) }
```

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

```
.border{ border-color:rgb(251, 255, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9885, 0.3950, 0.4712 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, 102) }
```

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

```
.background{ background-color: rgb(251,  
255, 102) }
```

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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