

Converting Colors

$Yxy(92.6766, 0.3820, 0.4390)$

Have a look what the booklet for
Yxy(92.6766, 0.3820, 0.4390)
contains.

Yxy(92.7158, 0.3821, 0.4393)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(92.7158, 0.3821, 0.4393)

Conversions

Conversions Part 1

Format	Color
Hex	FFFC8A
RGB	255, 252, 138
RGB Percent	100%, 99%, 54%
CMY	0.0000, 0.0118, 0.4588
CMYK	0.00, 0.01, 0.46, 0.00
HSL	58°, 100%, 77%
HSV	58°, 46%, 100%
XYZ	80.6435, 92.7158, 37.6942
YIQ	239.9010, 38.3820, -34.8180

Conversions

Conversions Part 2

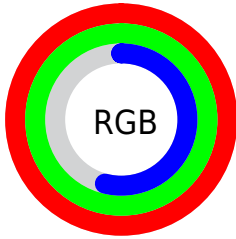
Format	Color
R _Y B	141, 255, 138
Decimal	16776330
CIE Lab	97.11, -14.20, 54.59
CIE LCh	97, 56.406, 104.586
Yxy	92.7158, 0.3821, 0.4393
Android (android.graphics.Color)	4294966410 (0xFFFFFC8A)
YUV	239.9010, -50.2372, 13.2418
Hunter-Lab	96.2890, -19.0094, 44.1921

Details

The Yxy color **92.7158, 0.3821, 0.4393** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **31.6779, 0.2259, 0.1881**, and the grayscale version is **87.4349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **51.8715, 0.3931, 0.4619** is the 20% darker color. If you saturate the color by 10%, you get **91.6526, 0.3950, 0.4595**, and if you desaturate by 10%, it is **93.9553, 0.3676, 0.4166**.

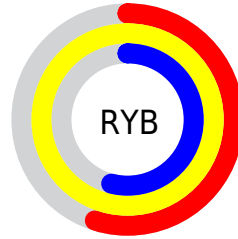
Distribution



Red (100%)

Green (99%)

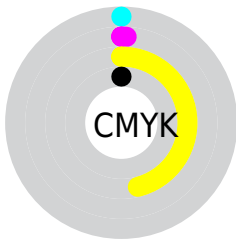
Blue (54%)



Red (55%)

Yellow (100%)

Blue (54%)

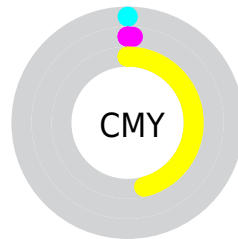


Cyan (0%)

Magenta (1%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7158, 0.3821, 0.4393 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 92.7158, 0.3821, 0.4393 by changing the saturation by 10% instead.


 92.7158, 0.3821,
0.4393


 92.7158, 0.3821,
0.4393

536.8262, 0.3535,
0.3906

 70.2353, 0.3876,
0.4495

 151.1051, 0.3730,
0.4231

 51.7184, 0.3938,
0.4617


 187.7827, 0.3692,
0.4166

 36.7807, 0.4008,
0.4762


 229.9614, 0.3658,
0.4109

 25.0377, 0.4085,
0.4936

278.0257, 0.3628,
0.4059

 16.1052, 0.4163,
0.5144

332.3599, 0.3602,
0.4014

 9.5986, 0.4233,
0.5397


393.3485, 0.3577,


 5.1336, 0.4282,


0.3974


0.5718


461.3758, 0.3555,
0.3939


 2.3259, 0.4097,
0.5903


 0.7874, 0.3378,
0.6622


 92.7158, 0.3821,
0.4393


 92.7158, 0.3821,
0.4393


 91.6526, 0.3950,
0.4595

 93.9553, 0.3676,
0.4166


 90.7511, 0.4059,
0.4762

 95.3800, 0.3524,
0.3924

 89.9981, 0.4143,
0.4888

 97.0008, 0.3368,
0.3676

 89.3774, 0.4200,
0.4969

 98.8271, 0.3215,
0.3431

■ 88.8687, 0.4231,
0.5008

100.0000, 0.3127,
0.3290

■ 88.6793, 0.4239,
0.5016

Harmonies

Analogous

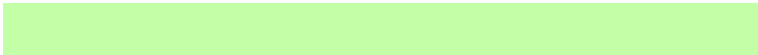
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7158, 0.4250, 0.4083



92.7158, 0.3821, 0.4393



92.7158, 0.3230, 0.4382

Triad

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



92.7158, 0.3821, 0.4393



92.7158, 0.2023, 0.2755



92.7158, 0.3561, 0.2728

Complementary

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



92.7158, 0.3821, 0.4393



31.6779, 0.2259, 0.1881

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.



92.7158, 0.2922, 0.2432



92.7158, 0.3821, 0.4393



92.7158, 0.2089, 0.2414

Square

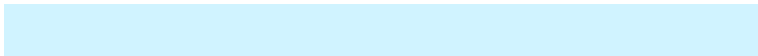
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.7158, 0.3821, 0.4393



92.7158, 0.2211, 0.3322



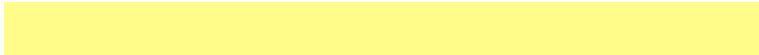
92.7158, 0.2399, 0.2315



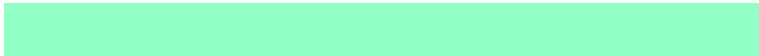
92.7158, 0.4116, 0.3150

Rectangle

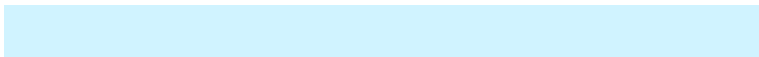
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.7158, 0.3821, 0.4393



92.7158, 0.2827, 0.4142



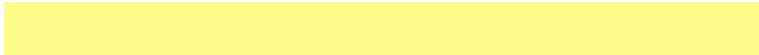
92.7158, 0.2399, 0.2315



92.7158, 0.3346, 0.2613

Sweetspot

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



92.7166, 0.3821, 0.4393



97.3277, 0.3339, 0.3630



41.3911, 0.4339, 0.3253



20.7518, 0.3372, 0.3683



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

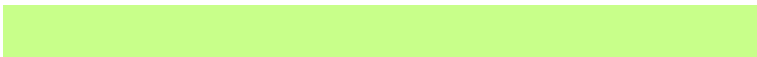
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7166, 0.3821, 0.4393



91.7392, 0.3940, 0.4578



85.6907, 0.3434, 0.4578



21.0061, 0.3270, 0.3519



46.3728, 0.4239, 0.5017



4.5395, 0.4233, 0.5021

Inverse Universe

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



31.6779, 0.2259, 0.1881



23.8864, 0.2065, 0.1561



36.6867, 0.2653, 0.1985



17.4523, 0.2978, 0.3050



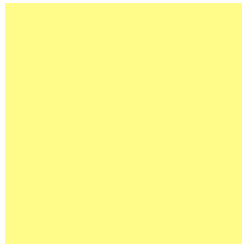
3.8790, 0.1504, 0.0615



0.4028, 0.1515, 0.0652

Previews

White Background



This preview shows how the Yxy color 92.7158, 0.3821, 0.4393 looks on a white background.

Color Contrast Check

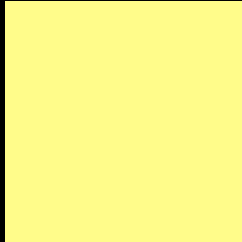
Large Text (above 18pt) WCAG AA × Fail

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 92.7158, 0.3821, 0.4393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

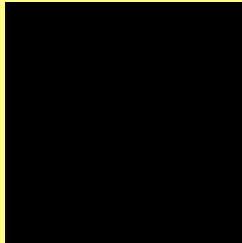
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.7158, 0.3821, 0.4393

Background



This preview shows how black text looks on a background with the Yxy color 92.7158, 0.3821, 0.4393.

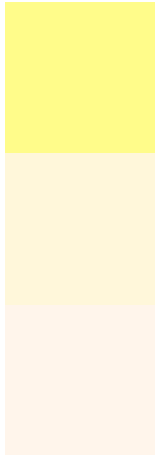


This preview shows how white text looks on a background with the Yxy color 92.7158, 0.3821, 0.4393.

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

92.7158, 0.3821, 0.4393

Protanopia

92.8435, 0.3357, 0.3576

Deuteranopia

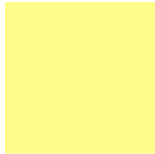
92.5630, 0.3253, 0.3388



Tritanopia

92.3262, 0.3157, 0.3213

Trichromacy



Original Color

92.7158, 0.3821, 0.4393



Protanomaly

92.6855, 0.3533, 0.3885



Deuteranomaly

92.5649, 0.3467, 0.3766



Tritanomaly

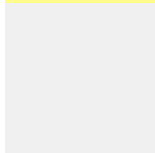
91.8247, 0.3408, 0.3646

Monochromacy



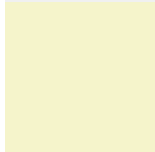
Original Color

92.7158, 0.3821, 0.4393



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.4256, 0.3387, 0.3707

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7158, 0.3821, 0.4393 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(255, 252, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 138)  
}
```

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(255, 252, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 138) }
```

Border

The CSS property to change the border of an element to Yxy 92.7158, 0.3821, 0.4393 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(255, 252, 138) }
```

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

```
.border{ border-color:rgb(255, 252, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7158, 0.3821, 0.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 138) }
```

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

```
.background{ background-color: rgb(255,  
252, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor