

Converting Colors

$Yxy(92.6993, 0.3833, 0.4577)$

Have a look what the booklet for
Yxy(92.6993, 0.3833, 0.4577)
contains.

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Color

Yxy(92.6993, 0.3833, 0.4577)

Conversions

Conversions Part 1

Format	Color
Hex	F7FF7A
RGB	247, 255, 122
RGB Percent	97%, 100%, 48%
CMY	0.0313, 0.0000, 0.5217
CMYK	0.03, 0.00, 0.52, 0.00
HSL	64°, 100%, 74%
HSV	64°, 52%, 100%
XYZ	77.6309, 92.6993, 32.2027
YIQ	237.4460, 37.9250, -43.0590

Conversions

Conversions Part 2

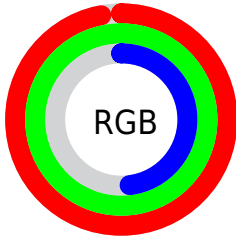
Format	Color
R_{YB}	122, 255, 130
Decimal	16252794
CIE _{Lab}	97.11, -20.15, 61.76
CIE _{LCh}	97, 64.960, 108.066
Yxy	92.6993, 0.3833, 0.4577
Android (android.graphics.Color)	4294442874 (0xFFFF7FF7A)
YUV	237.4460, -56.9149, 8.3789
Hunter-Lab	96.2805, -24.5665, 47.5657

Details

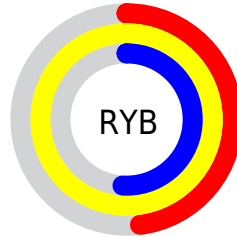
The Yxy color **92.6993, 0.3833, 0.4577** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **25.8748, 0.2167, 0.1639**, and the grayscale version is **85.4739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9944, 0.3585, 0.4047**, and **51.4848, 0.3940, 0.4836** is the 20% darker color. If you saturate the color by 10%, you get **91.8712, 0.3933, 0.4772**, and if you desaturate by 10%, it is **93.6965, 0.3714, 0.4351**.

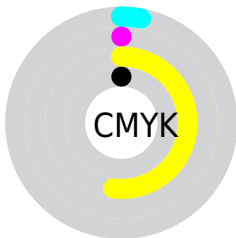
Distribution



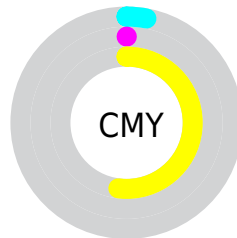
- Red (97%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (51%)



- Cyan (3%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6993, 0.3833, 0.4577 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 92.6993, 0.3833, 0.4577 by changing the saturation by 10% instead.


 92.6993, 0.3833,
0.4577

 92.6993, 0.3833,
0.4577


536.7730, 0.3553,
0.4008


 70.2216, 0.3883,
0.4696


 151.0822, 0.3747,
0.4388

 51.7072, 0.3938,
0.4836


 187.7563, 0.3710,
0.4312

 36.7718, 0.3996,
0.5001


 229.9312, 0.3677,
0.4245

 25.0308, 0.4052,
0.5197

277.9914, 0.3647,
0.4187

 16.1000, 0.4095,
0.5427

332.3213, 0.3620,
0.4134

 9.5950, 0.4150,
0.5757

393.3052, 0.3595,

 5.1312, 0.4025,

0.4088

0.5975

461.3277, 0.3573,
0.4046

■ 2.3245, 0.3758,
0.6242

■ 0.7866, 0.2454,
0.7546

■ 92.6993, 0.3833,
0.4577

■ 92.6993, 0.3833,
0.4577

■ 91.8712, 0.3933,
0.4772

■ 93.6965, 0.3714,
0.4351

■ 91.1974, 0.4009,
0.4929


■ 94.8731, 0.3581,
0.4105


■ 90.6630, 0.4059,
0.5041

■ 96.2404, 0.3440,
0.3850

■ 90.2497, 0.4083,
0.5109

■ 97.8083, 0.3298,
0.3593

 89.9890, 0.4087,
0.5137

 99.5860, 0.3157,
0.3343

100.0000, 0.3127,
0.3290

Harmonies

Analogous

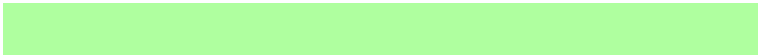
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6993, 0.4361, 0.4229



92.6993, 0.3833, 0.4577



92.6993, 0.3149, 0.4532

Triad

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



92.6993, 0.3833, 0.4577



92.6993, 0.1874, 0.2608



92.6993, 0.3708, 0.2701

Complementary

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



92.6993, 0.3833, 0.4577



25.8748, 0.2167, 0.1639

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.



92.6993, 0.2968, 0.2352



92.6993, 0.3833, 0.4577



92.6993, 0.1981, 0.2266

Square

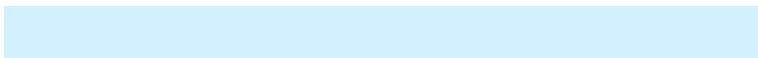
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.6993, 0.3833, 0.4577



92.6993, 0.2045, 0.3231



92.6993, 0.2354, 0.2194



92.6993, 0.4323, 0.3180

Rectangle

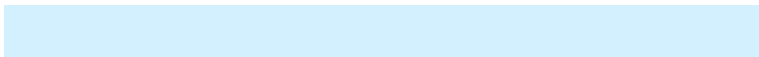
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.6993, 0.3833, 0.4577



92.6993, 0.2699, 0.4218



92.6993, 0.2354, 0.2194



92.6993, 0.3460, 0.2567

Sweetspot

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



92.6998, 0.3833, 0.4577



97.1833, 0.3352, 0.3691



38.2655, 0.4616, 0.3361



20.7320, 0.3382, 0.3744



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

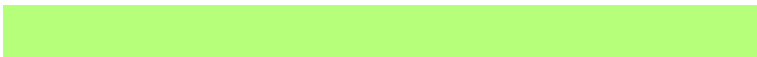
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6998, 0.3833, 0.4577



91.8094, 0.3940, 0.4787



82.8493, 0.3389, 0.4798



21.0319, 0.3260, 0.3525



47.0451, 0.4088, 0.5136



4.5968, 0.4101, 0.5126

Inverse Universe

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



25.8748, 0.2167, 0.1639



18.2310, 0.1948, 0.1278



32.7522, 0.2660, 0.1833



17.4298, 0.2988, 0.3045



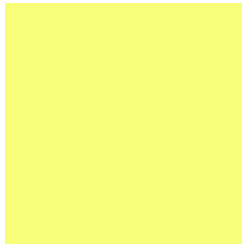
3.8472, 0.1518, 0.0610



0.3920, 0.1559, 0.0633

Previews

White Background



This preview shows how the Yxy color 92.6993, 0.3833, 0.4577 looks on a white background.

Color Contrast Check

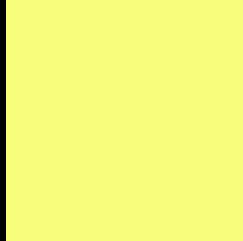
Large Text (above 18pt) WCAG AA × Fail

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 92.6993, 0.3833, 0.4577 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 92.6993, 0.3833, 0.4577

Background



This preview shows how black text looks on a background with the Yxy color 92.6993, 0.3833, 0.4577.



This preview shows how white text looks on a background with the Yxy color 92.6993, 0.3833, 0.4577.

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



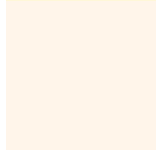
Original Color

92.6993, 0.3833, 0.4577



Protanopia

92.7394, 0.3369, 0.3596



Deuteranopia

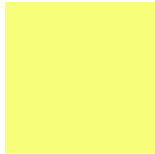
92.5053, 0.3259, 0.3398



Tritanopia

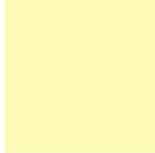
92.5169, 0.3139, 0.3185

Trichromacy



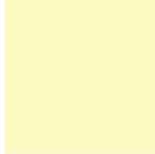
Original Color

92.6993, 0.3833, 0.4577



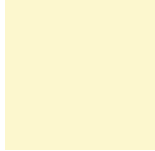
Protanomaly

92.4441, 0.3553, 0.3968



Deuteranomaly

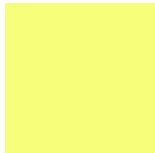
92.2971, 0.3488, 0.3849



Tritanomaly

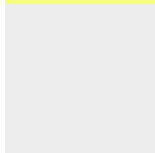
91.6732, 0.3411, 0.3699

Monochromacy



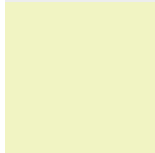
Original Color

92.6993, 0.3833, 0.4577



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

87.3423, 0.3409, 0.3795

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6993, 0.3833, 0.4577 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(247, 255, 122)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 122)  
}
```

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(247, 255, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 122) }
```

Border

The CSS property to change the border of an element to Yxy 92.6993, 0.3833, 0.4577 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(247, 255, 122) }
```

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

```
.border{ border-color:rgb(247, 255, 122) }
```

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

Here you see how a box with a 4 pixel rgb(247, 255, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 122);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6993, 0.3833, 0.4577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 122) }
```

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

```
.background{ background-color: rgb(247,  
255, 122) }
```

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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