

Converting Colors

$Y_{xy}(90.8944, 0.3984, 0.4705)$

Have a look what the booklet for
Yxy(90.8944, 0.3984, 0.4705)
contains.

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Color

Yxy(91.2171, 0.3985, 0.4708)

Conversions

Conversions Part 1

Format	Color
Hex	FCFC63
RGB	252, 252, 99
RGB Percent	99%, 99%, 39%
CMY	0.0117, 0.0117, 0.6120
CMYK	0.00, 0.00, 0.61, 0.01
HSL	60°, 96%, 69%
HSV	60°, 61%, 99%
XYZ	77.2090, 91.2171, 25.3230
YIQ	234.5580, 49.1130, -47.5830

Conversions

Conversions Part 2

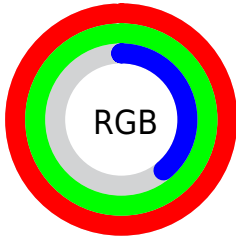
Format	Color
R _Y B	99, 252, 99
Decimal	16579683
CIE Lab	96.50, -18.38, 70.97
CIE LCh	96, 73.313, 104.520
Yxy	91.2171, 0.3985, 0.4708
Android (android.graphics.Color)	4294769763 (0xFFFCFC63)
YUV	234.5580, -66.8301, 15.2966
Hunter-Lab	95.5076, -22.8377, 51.1351

Details

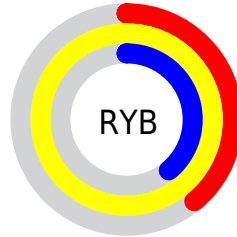
The Yxy color **91.2171, 0.3985, 0.4708** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **18.5907, 0.1940, 0.1328**, and the grayscale version is **83.2128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1466, 0.3717, 0.4265**, and **50.8263, 0.4097, 0.4978** is the 20% darker color. If you saturate the color by 10%, you get **90.8113, 0.4075, 0.4858**, and if you desaturate by 10%, it is **91.7816, 0.3871, 0.4520**.

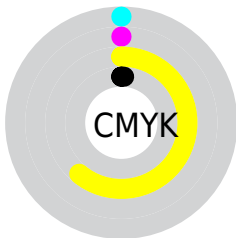
Distribution



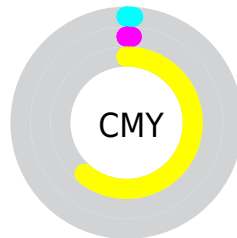
- Red (99%)
- Green (99%)
- Blue (39%)



- Red (39%)
- Yellow (99%)
- Blue (39%)



- Cyan (0%)
- Magenta (0%)
- Yellow (61%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2171, 0.3985, 0.4708 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 91.2171, 0.3985, 0.4708 by changing the saturation by 10% instead.


 91.2171, 0.3985,
0.4708


 91.2171, 0.3985,
0.4708


531.9821, 0.3651,
0.4094


 68.9905, 0.4042,
0.4831


 149.0279, 0.3884,
0.4508


 50.7040, 0.4102,
0.4972


 185.3808, 0.3841,
0.4426

 35.9731, 0.4162,
0.5135


 227.2114, 0.3801,
0.4354

 24.4134, 0.4214,
0.5318

 274.9040, 0.3765,
0.4290

 15.6406, 0.4248,
0.5525

328.8430, 0.3732,
0.4233

 9.2702, 0.4243,
0.5757

389.4127, 0.3703,

 4.9178, 0.4090,

0.4182

0.5910

456.9976, 0.3676,
0.4136

■ 2.1991, 0.3840,
0.6160

■ 0.7195, 0.2463,
0.7537

■ 91.2171, 0.3985,
0.4708

■ 91.2171, 0.3985,
0.4708

■ 90.8113, 0.4075,
0.4858

■ 91.7816, 0.3871,
0.4520

■ 90.5371, 0.4140,
0.4964

■ 92.5049, 0.3738,
0.4300

■ 90.3813, 0.4178,
0.5026

■ 93.4024, 0.3593,
0.4060

■ 90.3169, 0.4193,
0.5052

■ 94.4846, 0.3441,
0.3809

95.7609, 0.3288,
0.3556

97.2401, 0.3138,
0.3308

97.5505, 0.3110,
0.3261

97.5517, 0.3110,
0.3261

97.5530, 0.3110,
0.3261

Harmonies

Analogous

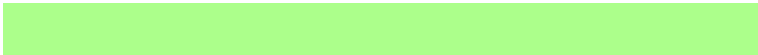
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2171, 0.4554, 0.4255



91.2171, 0.3985, 0.4708



91.2171, 0.3228, 0.4754

Triad

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



91.2171, 0.3985, 0.4708



91.2171, 0.1740, 0.2578



91.2171, 0.3682, 0.2576

Complementary

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



91.2171, 0.3985, 0.4708



18.5907, 0.1940, 0.1328

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.



91.2171, 0.2849, 0.2216



91.2171, 0.3985, 0.4708



91.2171, 0.1824, 0.2172

Square

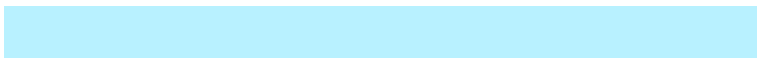
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.2171, 0.3985, 0.4708



91.2171, 0.1958, 0.3311



91.2171, 0.2197, 0.2067



91.2171, 0.4420, 0.3087

Rectangle

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



91.2171, 0.3985, 0.4708



91.2171, 0.2718, 0.4442



91.2171, 0.2197, 0.2067



91.2171, 0.3398, 0.2435

Sweetspot

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



91.2213, 0.3985, 0.4708



97.3861, 0.3399, 0.3740



30.5579, 0.5030, 0.3272



20.7677, 0.3444, 0.3813



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.



91.2213, 0.3985, 0.4708



93.1985, 0.4093, 0.4886



79.9983, 0.3470, 0.5008



20.1906, 0.3269, 0.3524



47.0404, 0.4193, 0.5052



4.3568, 0.4193, 0.5052

Inverse Universe

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



18.5907, 0.1940, 0.1328



12.7193, 0.1724, 0.0969



24.8150, 0.2470, 0.1562



16.6433, 0.2979, 0.3045



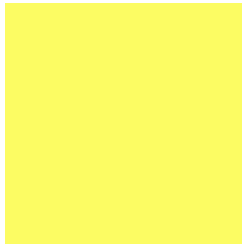
3.6614, 0.1500, 0.0600



0.3392, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 91.2171, 0.3985, 0.4708 looks on a white background.

Color Contrast Check

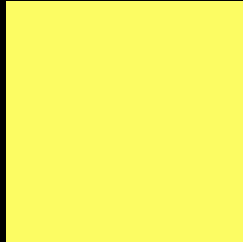
Large Text (above 18pt) WCAG AA × Fail

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 91.2171, 0.3985, 0.4708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

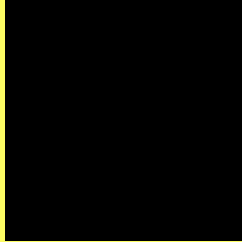
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.2171, 0.3985, 0.4708

Background



This preview shows how black text looks on a background with the Yxy color 91.2171, 0.3985, 0.4708.

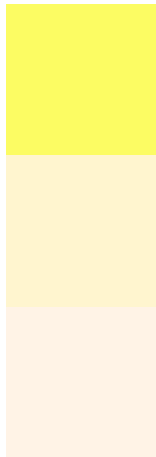


This preview shows how white text looks on a background with the Yxy color 91.2171, 0.3985, 0.4708.

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

91.2171, 0.3985, 0.4708

Protanopia

91.0698, 0.3429, 0.3667

Deuteranopia

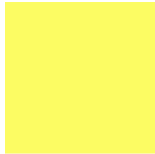
91.0744, 0.3286, 0.3418



Tritanopia

91.0101, 0.3170, 0.3213

Trichromacy



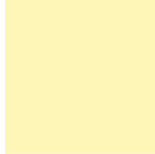
Original Color

91.2171, 0.3985, 0.4708



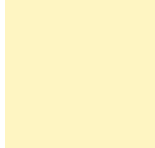
Protanomaly

91.0328, 0.3657, 0.4085



Deuteranomaly

90.3598, 0.3577, 0.3929



Tritanomaly

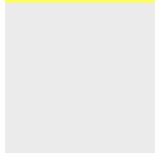
90.2707, 0.3504, 0.3799

Monochromacy



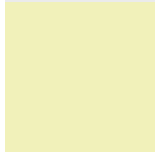
Original Color

91.2171, 0.3985, 0.4708



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.1565, 0.3472, 0.3860

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2171, 0.3985, 0.4708 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(252, 252, 99)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 99)  
}
```

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(252, 252, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 99) }
```

Border

The CSS property to change the border of an element to Yxy 91.2171, 0.3985, 0.4708 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(252, 252, 99) }
```

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

```
.border{ border-color:rgb(252, 252, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 99);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2171, 0.3985, 0.4708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 99) }
```

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

```
.background{ background-color: rgb(252,  
252, 99) }
```

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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