

Converting Colors

$Y_{xy}(122.7879, 0.4354, 0.3614)$

Have a look what the booklet for
Yxy(122.7879, 0.4354, 0.3614)
contains.

Yxy(89.4384, 0.3490, 0.3739)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(89.4384, 0.3490, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3C6
RGB	255, 243, 198
RGB Percent	100%, 95%, 78%
CMY	0.0000, 0.0470, 0.2236
CMYK	0.00, 0.05, 0.22, 0.00
HSL	47°, 100%, 89%
HSV	47°, 22%, 100%
XYZ	83.4822, 89.4384, 66.2834
YIQ	241.4580, 21.5970, -11.4510

Conversions

Conversions Part 2

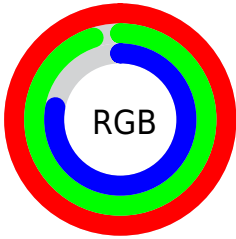
Format	Color
RYB	213, 255, 198
Decimal	16774086
CIELab	95.76, -2.90, 23.19
CIElCh	96, 23.373, 97.129
Yxy	89.4384, 0.3490, 0.3739
Android (android.graphics.Color)	4294964166 (0xFFFFF3C6)
YUV	241.4580, -21.4248, 11.8763
Hunter-Lab	94.5719, -7.9320, 24.6452

Details

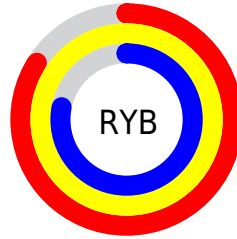
The Yxy color **89.4384, 0.3490, 0.3739** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.3095, 0.2757, 0.2797**, and the grayscale version is **88.5040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.5600, 0.3568, 0.3837** is the 20% darker color. If you saturate the color by 10%, you get **85.1992, 0.3668, 0.3945**, and if you desaturate by 10%, it is **93.9775, 0.3321, 0.3534**.

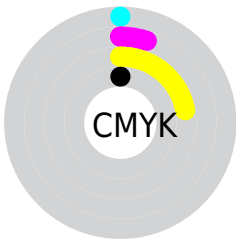
Distribution



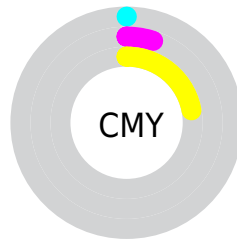
- Red (100%)
- Green (95%)
- Blue (78%)



- Red (84%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.4384, 0.3490, 0.3739 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 89.4384, 0.3490, 0.3739 by changing the saturation by 10% instead.


 89.4384, 0.3490,
0.3739

 89.4384, 0.3490,
0.3739


526.2023, 0.3329,
0.3538

 67.5150, 0.3525,
0.3783

146.5581, 0.3436,
0.3671

 49.5032, 0.3567,
0.3837

182.5231, 0.3414,
0.3644

 35.0188, 0.3619,
0.3903


223.9374, 0.3396,
0.3620

 23.6774, 0.3684,
0.3987

271.1854, 0.3379,
0.3600

 15.0945, 0.3768,
0.4097

324.6515, 0.3365,
0.3582

 8.8857, 0.3880,
0.4246


384.7201, 0.3352,


 4.6667, 0.4033,


0.3566


0.4455


451.7755, 0.3340,
0.3551


 2.0531, 0.4397,
0.4933


 0.6380, 0.4564,
0.5436


 89.4384, 0.3490,
0.3739


 89.4384, 0.3490,
0.3739

 85.1992, 0.3668,
0.3945


 93.9775, 0.3321,
0.3534

 81.2372, 0.3849,
0.4145

 98.8145, 0.3163,
0.3335

 77.5448, 0.4029,
0.4329

99.9998, 0.3127,
0.3290

 74.1094, 0.4199,
0.4487

■ 70.9168, 0.4351,
0.4607

■ 67.9509, 0.4478,
0.4683

■ 65.1922, 0.4575,
0.4711

■ 63.2017, 0.4631,
0.4705

Harmonies

Analogous

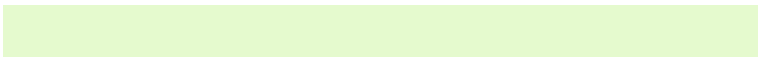
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4384, 0.3631, 0.3612



89.4384, 0.3490, 0.3739



89.4384, 0.3254, 0.3743

Triad

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



89.4384, 0.3490, 0.3739



89.4384, 0.2647, 0.3134



89.4384, 0.3251, 0.2999

Complementary

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



89.4384, 0.3490, 0.3739



65.3095, 0.2757, 0.2797

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.



89.4384, 0.2985, 0.2880



89.4384, 0.3490, 0.3739



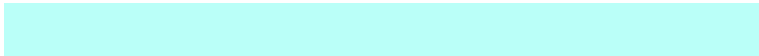
89.4384, 0.2645, 0.2946

Square

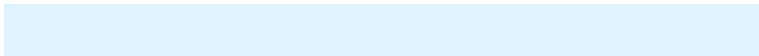
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.4384, 0.3490, 0.3739



89.4384, 0.2771, 0.3380



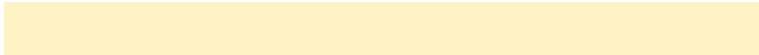
89.4384, 0.2766, 0.2858



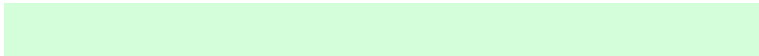
89.4384, 0.3491, 0.3190

Rectangle

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



89.4384, 0.3490, 0.3739



89.4384, 0.3077, 0.3668



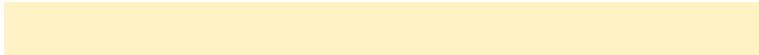
89.4384, 0.2766, 0.2858



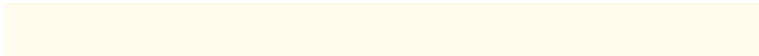
89.4384, 0.3161, 0.2950

Sweetspot

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



89.4424, 0.3490, 0.3739



96.5310, 0.3235, 0.3427



66.3146, 0.3489, 0.3164



20.5991, 0.3244, 0.3438



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

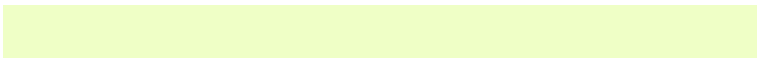
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4424, 0.3490, 0.3739



87.4371, 0.3572, 0.3835



93.9201, 0.3358, 0.3870



20.4038, 0.3274, 0.3476



33.2490, 0.4622, 0.4712



3.3921, 0.4564, 0.4758

Inverse Universe

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



65.3095, 0.2757, 0.2797



59.2799, 0.2672, 0.2678



61.9223, 0.2858, 0.2680



17.9967, 0.2979, 0.3096



5.3056, 0.1559, 0.0811



0.6658, 0.1613, 0.1006

Previews

White Background



This preview shows how the Yxy color 89.4384, 0.3490, 0.3739 looks on a white background.

Color Contrast Check

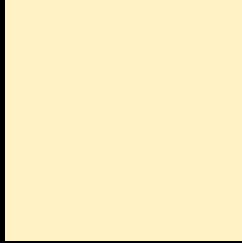
Large Text (above 18pt) WCAG AA × Fail

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 89.4384, 0.3490, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

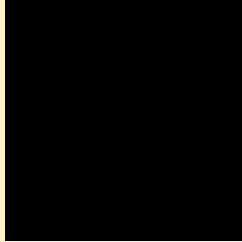
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.4384, 0.3490, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 89.4384, 0.3490, 0.3739.



This preview shows how white text looks on a background with the Yxy color 89.4384, 0.3490, 0.3739.

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

89.4384, 0.3490, 0.3739

Protanopia

89.2205, 0.3441, 0.3649

Deuteranopia

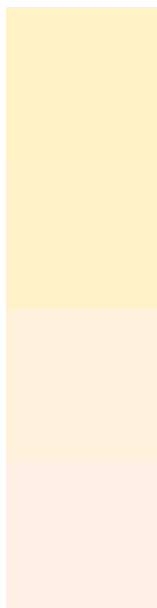
89.3497, 0.3283, 0.3379



Tritanopia

89.3112, 0.3166, 0.3174

Trichromacy



Original Color

89.4384, 0.3490, 0.3739

Protanomaly

89.0761, 0.3460, 0.3679

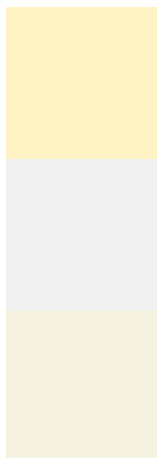
Deuteranomaly

89.2851, 0.3359, 0.3508

Tritanomaly

89.3497, 0.3283, 0.3379

Monochromacy



Original Color

89.4384, 0.3490, 0.3739

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.5333, 0.3258, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.4384, 0.3490, 0.3739 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, 243, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 198)  
}
```

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, 243, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 198) }
```

Border

The CSS property to change the border of an element to Yxy 89.4384, 0.3490, 0.3739 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, 243, 198) }
```

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

```
.border{ border-color:rgb(255, 243, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 89.4384, 0.3490, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 198) }
```

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

```
.background{ background-color: rgb(255,  
243, 198) }
```

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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