

Converting Colors

$Yxy(96.4672, 0.3406, 0.3794)$

Have a look what the booklet for
Yxy(96.4672, 0.3406, 0.3794)
contains.

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Color

Yxy(96.3889, 0.3403, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFCC
RGB	251, 255, 204
RGB Percent	98%, 100%, 80%
CMY	0.0158, 0.0000, 0.2000
CMYK	0.02, 0.00, 0.20, 0.00
HSL	65°, 100%, 90%
HSV	65°, 20%, 100%
XYZ	86.4325, 96.3889, 71.1678
YIQ	247.9900, 13.9870, -16.7090

Conversions

Conversions Part 2

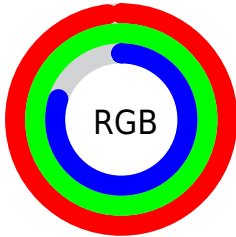
Format	Color
R_{YB}	204, 255, 208
Decimal	16515020
CIE _{Lab}	98.59, -9.49, 23.99
CIE _{LCh}	99, 25.804, 111.588
Yxy	96.3889, 0.3403, 0.3795
Android (android.graphics.Color)	4294705100 (0xFFFFBFFCC)
YUV	247.9900, -21.6871, 2.6398
Hunter-Lab	98.1778, -14.6658, 25.7460

Details

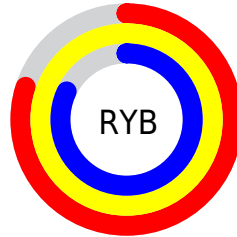
The Yxy color **96.3889, 0.3403, 0.3795** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.8134, 0.2819, 0.2740**, and the grayscale version is **94.0225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.0595, 0.3455, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **94.8848, 0.3541, 0.4053**, and if you desaturate by 10%, it is **98.0840, 0.3264, 0.3538**.

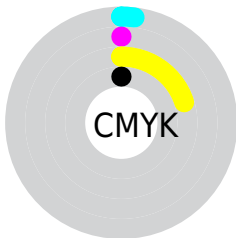
Distribution



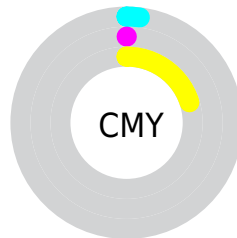
- Red (98%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.3889, 0.3403, 0.3795 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 96.3889, 0.3403, 0.3795 by changing the saturation by 10% instead.

 96.3889, 0.3403,
0.3795

 96.3889, 0.3403,
0.3795


548.6019, 0.3284,
0.3570

 73.2915, 0.3428,
0.3844


156.1820, 0.3364,
0.3718

 54.2144, 0.3458,
0.3905


193.6466, 0.3348,
0.3688

 38.7731, 0.3494,
0.3979


236.6689, 0.3334,
0.3662

 26.5832, 0.3539,
0.4074

285.6335, 0.3322,
0.3639

 17.2605, 0.3595,
0.4198

340.9247, 0.3311,
0.3618

 10.4204, 0.3668,
0.4366

402.9269, 0.3301,

 5.6786, 0.3761,

0.3600

0.4607

472.0245, 0.3292,
0.3584

■ 2.6506, 0.3916,
0.5019

■ 0.9522, 0.4137,
0.5863

■ 96.3889, 0.3403,
0.3795

■ 96.3889, 0.3403,
0.3795

■ 94.8848, 0.3541,
0.4053

■ 98.0840, 0.3264,
0.3538


■ 93.5819, 0.3672,
0.4304


99.9991, 0.3127,
0.3290


■ 92.4631, 0.3792,
0.4538


100.0000, 0.3127,
0.3290

■ 91.5166, 0.3893,
0.4745

 90.7296, 0.3971,
0.4914

 90.0873, 0.4023,
0.5040

 89.5720, 0.4049,
0.5122

 89.1550, 0.4053,
0.5164

Harmonies

Analogous

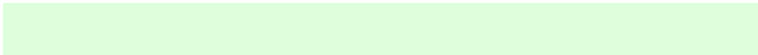
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.3889, 0.3613, 0.3716



96.3889, 0.3403, 0.3795



96.3889, 0.3125, 0.3727

Triad

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



96.3889, 0.3403, 0.3795



96.3889, 0.2593, 0.3013



96.3889, 0.3393, 0.3069

Complementary

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



96.3889, 0.3403, 0.3795



63.8134, 0.2819, 0.2740

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.



96.3889, 0.3109, 0.2900



96.3889, 0.3403, 0.3795



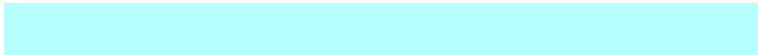
96.3889, 0.2656, 0.2860

Square

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



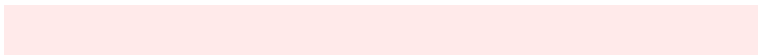
96.3889, 0.3403, 0.3795



96.3889, 0.2665, 0.3255



96.3889, 0.2841, 0.2823



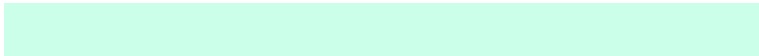
96.3889, 0.3611, 0.3295

Rectangle

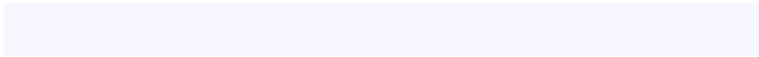
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.3889, 0.3403, 0.3795



96.3889, 0.2940, 0.3603



96.3889, 0.2841, 0.2823



96.3889, 0.3302, 0.3005

Sweetspot

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



96.3822, 0.3403, 0.3795



98.8248, 0.3209, 0.3438



70.4337, 0.3520, 0.3326



21.1262, 0.3218, 0.3454



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

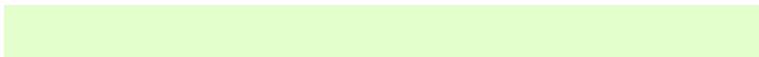
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.3822, 0.3403, 0.3795



95.7599, 0.3459, 0.3898



92.0630, 0.3240, 0.3822



21.0134, 0.3257, 0.3526



46.6160, 0.4055, 0.5162



4.5596, 0.4072, 0.5149

Inverse Universe

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



63.8134, 0.2819, 0.2740



57.8073, 0.2748, 0.2614



67.7064, 0.2991, 0.2767



17.4463, 0.2991, 0.3045



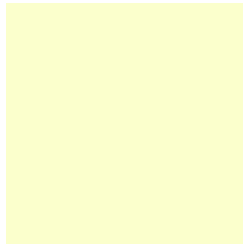
3.8752, 0.1524, 0.0613



0.3998, 0.1578, 0.0643

Previews

White Background



This preview shows how the Yxy color 96.3889, 0.3403, 0.3795 looks on a white background.

Color Contrast Check

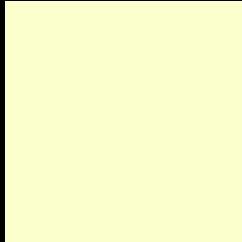
Large Text (above 18pt) WCAG AA × Fail

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 96.3889, 0.3403, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

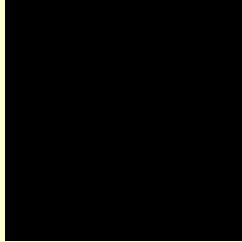
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.3889, 0.3403, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 96.3889, 0.3403, 0.3795.

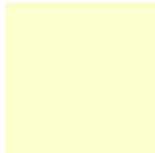


This preview shows how white text looks on a background with the Yxy color 96.3889, 0.3403, 0.3795.

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

96.3889, 0.3403, 0.3795

Protanopia

96.4864, 0.3224, 0.3406

Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

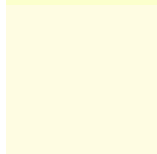
96.4739, 0.3117, 0.3242

Trichromacy



Original Color

96.3889, 0.3403, 0.3795



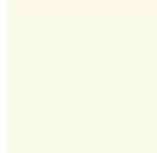
Protanomaly

96.1826, 0.3294, 0.3544



Deuteranomaly

96.4612, 0.3264, 0.3494



Tritanomaly

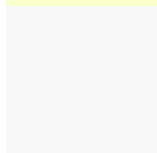
96.3724, 0.3221, 0.3446

Monochromacy



Original Color

96.3889, 0.3403, 0.3795



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.9603, 0.3227, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.3889, 0.3403, 0.3795 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 204) }
```

Border

The CSS property to change the border of an element to Yxy 96.3889, 0.3403, 0.3795 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, 204) }
```

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

```
.border{ border-color:rgb(251, 255, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 96.3889, 0.3403, 0.3795 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, 204) }
```

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

```
.background{ background-color: rgb(251,  
255, 204) }
```

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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