

Converting Colors

$Y_{xy}(170.5688, 0.4397, 0.3940)$

Have a look what the booklet for
Yxy(170.5688, 0.4397, 0.3940)
contains.

Yxy(96.5416, 0.3508, 0.3919)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(96.5416, 0.3508, 0.3919)

Conversions

Conversions Part 1

Format	Color
Hex	FFFFBF
RGB	255, 255, 191
RGB Percent	100%, 100%, 75%
CMY	0.0000, 0.0000, 0.2509
CMYK	0.00, 0.00, 0.25, 0.00
HSL	60°, 100%, 87%
HSV	60°, 25%, 100%
XYZ	86.4169, 96.5416, 63.3839
YIQ	247.7040, 20.5440, -19.9040

Conversions

Conversions Part 2

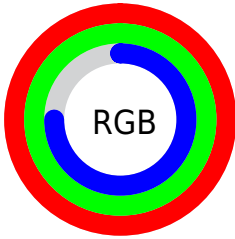
Format	Color
R _Y B	191, 255, 191
Decimal	16777151
CIE Lab	98.65, -9.78, 30.67
CIE LCh	99, 32.195, 107.692
Yxy	96.5416, 0.3508, 0.3919
Android (android.graphics.Color)	4294967231 (0xFFFFFFFFBF)
YUV	247.7040, -27.9551, 6.3986
Hunter-Lab	98.2556, -14.9545, 30.5314

Details

The Yxy color **96.5416, 0.3508, 0.3919** is a light color, and the websafe version is hex **FFFFCC**, and the color name is **very pale yellow**. A complement of this color would be **55.5760, 0.2693, 0.2573**, and the grayscale version is **93.8332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **54.2001, 0.3587, 0.4051** is the 20% darker color. If you saturate the color by 10%, you get **95.5096, 0.3658, 0.4167**, and if you desaturate by 10%, it is **97.7625, 0.3354, 0.3666**.

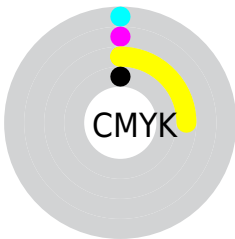
Distribution



- Red (100%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.5416, 0.3508, 0.3919 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 96.5416, 0.3508, 0.3919 by changing the saturation by 10% instead.


 96.5416, 0.3508,
0.3919

 96.5416, 0.3508,
0.3919


549.0886, 0.3345,
0.3639

 73.4187, 0.3542,
0.3980

 156.3927, 0.3454,
0.3824

 54.3184, 0.3583,
0.4054

193.8896, 0.3432,
0.3787

 38.8563, 0.3631,
0.4145

236.9468, 0.3413,
0.3754

 26.6479, 0.3691,
0.4260

285.9485, 0.3396,
0.3725

 17.3090, 0.3764,
0.4408

341.2791, 0.3381,
0.3700

 10.4550, 0.3855,
0.4606

403.3230, 0.3368,

 5.7017, 0.3965,

0.3677

0.4879

472.4647, 0.3356,
0.3657

■ 2.6646, 0.4275,
0.5511

■ 0.9592, 0.4116,
0.5884

■ 96.5416, 0.3508,
0.3919

■ 96.5416, 0.3508,
0.3919

■ 95.5096, 0.3658,
0.4167

■ 97.7625, 0.3354,
0.3666


■ 94.6663, 0.3798,
0.4399


■ 99.1915, 0.3203,
0.3415


■ 93.9972, 0.3923,
0.4606

100.0000, 0.3127,
0.3290

■ 93.4902, 0.4028,
0.4779

 93.1315, 0.4107,
0.4910

 92.9051, 0.4160,
0.4997

 92.7911, 0.4187,
0.5041

 92.7623, 0.4193,
0.5052

Harmonies

Analogous

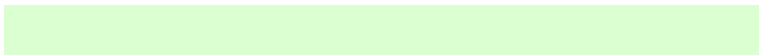
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.5416, 0.3755, 0.3791



96.5416, 0.3508, 0.3919



96.5416, 0.3167, 0.3864

Triad

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



96.5416, 0.3508, 0.3919



96.5416, 0.2471, 0.2974



96.5416, 0.3414, 0.2985

Complementary

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



96.5416, 0.3508, 0.3919



55.5760, 0.2693, 0.2573

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.



96.5416, 0.3056, 0.2792



96.5416, 0.3508, 0.3919



96.5416, 0.2527, 0.2772

Square

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



96.5416, 0.3508, 0.3919



96.5416, 0.2577, 0.3286



96.5416, 0.2734, 0.2713



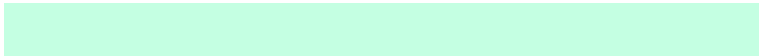
96.5416, 0.3705, 0.3253

Rectangle

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



96.5416, 0.3508, 0.3919



96.5416, 0.2935, 0.3720



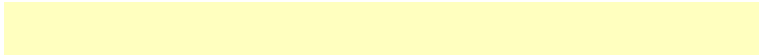
96.5416, 0.2734, 0.2713



96.5416, 0.3297, 0.2910

Sweetspot

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



96.5383, 0.3508, 0.3919



98.7536, 0.3246, 0.3487



62.3431, 0.3652, 0.3280



21.0904, 0.3269, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

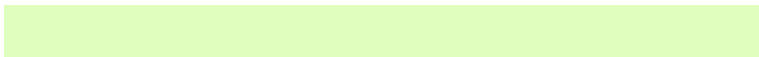
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.5383, 0.3508, 0.3919



96.0092, 0.3582, 0.4042



91.1428, 0.3302, 0.3963



21.0904, 0.3269, 0.3525



48.4705, 0.4193, 0.5052



4.7195, 0.4193, 0.5052

Inverse Universe

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



55.5760, 0.2693, 0.2573



48.7877, 0.2594, 0.2408



60.0144, 0.2911, 0.2615



17.3781, 0.2978, 0.3044



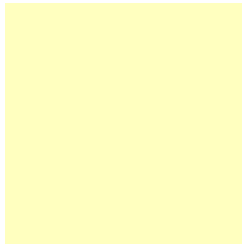
3.7731, 0.1500, 0.0600



0.3675, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 96.5416, 0.3508, 0.3919 looks on a white background.

Color Contrast Check

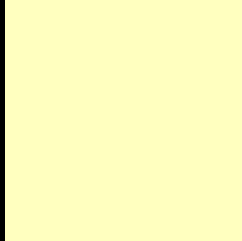
Large Text (above 18pt) WCAG AA × Fail

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 96.5416, 0.3508, 0.3919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

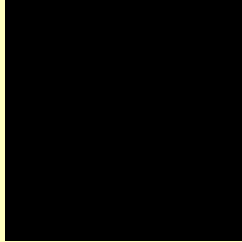
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.5416, 0.3508, 0.3919

Background



This preview shows how black text looks on a background with the Yxy color 96.5416, 0.3508, 0.3919.

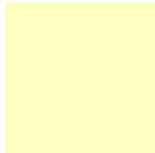


This preview shows how white text looks on a background with the Yxy color 96.5416, 0.3508, 0.3919.

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

96.5416, 0.3508, 0.3919



Protanopia

96.4864, 0.3224, 0.3406

Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

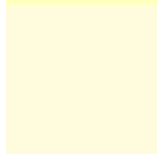
96.2314, 0.3130, 0.3233

Trichromacy



Original Color

96.5416, 0.3508, 0.3919



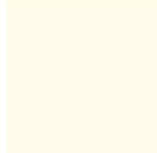
Protanomaly

96.1547, 0.3325, 0.3583



Deuteranomaly

96.4269, 0.3295, 0.3534



Tritanomaly

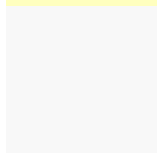
96.0806, 0.3266, 0.3475

Monochromacy



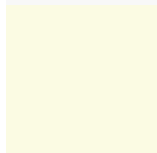
Original Color

96.5416, 0.3508, 0.3919



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

95.0496, 0.3270, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.5416, 0.3508, 0.3919 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, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 191)  
}
```

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, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 191) }
```

Border

The CSS property to change the border of an element to Yxy 96.5416, 0.3508, 0.3919 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, 255, 191) }
```

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

```
.border{ border-color:rgb(255, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 96.5416, 0.3508, 0.3919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 191) }
```

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

```
.background{ background-color: rgb(255,  
255, 191) }
```

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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