

Converting Colors

$Y_{xy}(96.2370, 0.3456, 0.3870)$

Have a look what the booklet for
Yxy(96.2370, 0.3456, 0.3870)
contains.

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Color

Yxy(96.2010, 0.3458, 0.3874)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFC4
RGB	252, 255, 196
RGB Percent	99%, 100%, 77%
CMY	0.0117, 0.0000, 0.2315
CMYK	0.01, 0.00, 0.23, 0.00
HSL	63°, 100%, 88%
HSV	63°, 23%, 100%
XYZ	85.8707, 96.2010, 66.2530
YIQ	247.3770, 17.1510, -18.9850

Conversions

Conversions Part 2

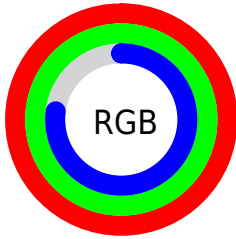
Format	Color
R_{YB}	196, 255, 199
Decimal	16580548
CIE _{Lab}	98.51, -10.22, 27.96
CIE _{LCh}	99, 29.768, 110.089
Yxy	96.2010, 0.3458, 0.3874
Android (android.graphics.Color)	4294770628 (0xFFFCFFC4)
YUV	247.3770, -25.3289, 4.0544
Hunter-Lab	98.0821, -15.3673, 28.6079

Details

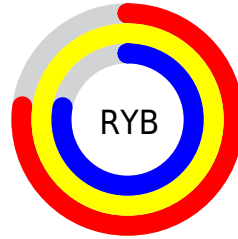
The Yxy color **96.2010, 0.3458, 0.3874** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.8270, 0.2752, 0.2639**, and the grayscale version is **93.5357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **53.9433, 0.3524, 0.3995** is the 20% darker color. If you saturate the color by 10%, you get **94.8990, 0.3600, 0.4128**, and if you desaturate by 10%, it is **97.7060, 0.3314, 0.3618**.

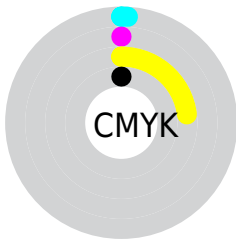
Distribution



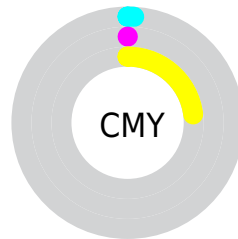
- Red (99%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.2010, 0.3458, 0.3874 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 96.2010, 0.3458, 0.3874 by changing the saturation by 10% instead.

 96.2010, 0.3458,
0.3874

 96.2010, 0.3458,
0.3874

548.0027, 0.3316,
0.3613

 73.1350, 0.3488,
0.3931

155.9228, 0.3411,
0.3785

 54.0863, 0.3523,
0.4000

193.3473, 0.3392,
0.3750

 38.6707, 0.3566,
0.4086

236.3269, 0.3375,
0.3720

 26.5036, 0.3618,
0.4195

285.2457, 0.3361,
0.3693

 17.2008, 0.3683,
0.4336

340.4884, 0.3348,
0.3670

 10.3778, 0.3765,
0.4526

402.4392, 0.3336,

 5.6501, 0.3866,

0.3649

0.4793

471.4825, 0.3326,
0.3630

■ 2.6335, 0.4099,
0.5340

■ 0.9435, 0.4064,
0.5936

■ 96.2010, 0.3458,
0.3874

■ 96.2010, 0.3458,
0.3874

■ 94.8990, 0.3600,
0.4128

■ 97.7060, 0.3314,
0.3618

■ 93.7839, 0.3733,
0.4371

■ 99.4172, 0.3171,
0.3367

■ 92.8470, 0.3853,
0.4593

100.0000, 0.3127,
0.3290

■ 92.0763, 0.3952,
0.4783

■ 91.4584, 0.4028,
0.4933

■ 90.9776, 0.4077,
0.5039

■ 90.6152, 0.4099,
0.5101

■ 90.4164, 0.4104,
0.5124

Harmonies

Analogous

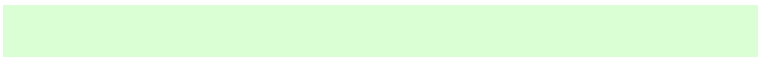
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.2010, 0.3696, 0.3770



96.2010, 0.3458, 0.3874



96.2010, 0.3139, 0.3807

Triad

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



96.2010, 0.3458, 0.3874



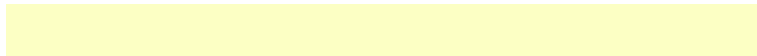
96.2010, 0.2516, 0.2979



96.2010, 0.3418, 0.3025

Complementary

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



96.2010, 0.3458, 0.3874



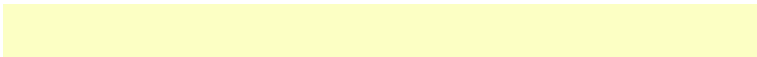
58.8270, 0.2752, 0.2639

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.



96.2010, 0.3088, 0.2837



96.2010, 0.3458, 0.3874



96.2010, 0.2580, 0.2801

Square

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



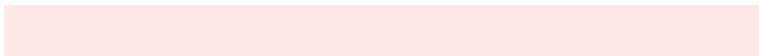
96.2010, 0.3458, 0.3874



96.2010, 0.2604, 0.3263



96.2010, 0.2784, 0.2754



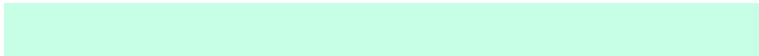
96.2010, 0.3677, 0.3279

Rectangle

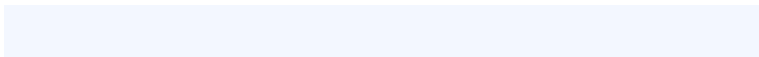
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.2010, 0.3458, 0.3874



96.2010, 0.2925, 0.3667



96.2010, 0.2784, 0.2754



96.2010, 0.3311, 0.2953

Sweetspot

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



96.2030, 0.3458, 0.3874



98.7324, 0.3226, 0.3462



66.0589, 0.3601, 0.3322



21.1105, 0.3234, 0.3478



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

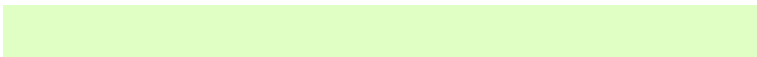
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.2030, 0.3458, 0.3874



95.5457, 0.3527, 0.3998



91.1192, 0.3263, 0.3912



21.0412, 0.3261, 0.3525



47.2649, 0.4105, 0.5122



4.6158, 0.4116, 0.5114

Inverse Universe

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



58.8270, 0.2752, 0.2639



51.9263, 0.2659, 0.2481



63.2561, 0.2959, 0.2677



17.4216, 0.2986, 0.3045



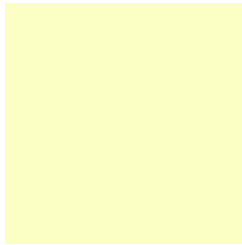
3.8350, 0.1515, 0.0608



0.3881, 0.1550, 0.0628

Previews

White Background



This preview shows how the Yxy color 96.2010, 0.3458, 0.3874 looks on a white background.

Color Contrast Check

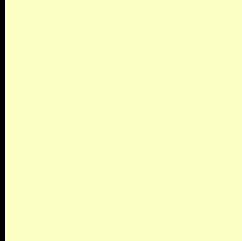
Large Text (above 18pt) WCAG AA × Fail

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 96.2010, 0.3458, 0.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

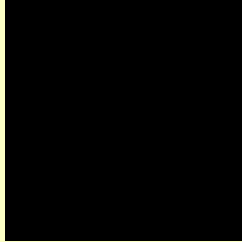
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.2010, 0.3458, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 96.2010, 0.3458, 0.3874.

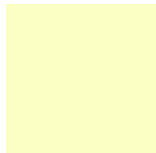


This preview shows how white text looks on a background with the Yxy color 96.2010, 0.3458, 0.3874.

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

96.2010, 0.3458, 0.3874



Protanopia

96.4274, 0.3230, 0.3416

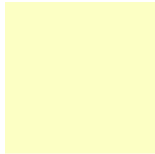
Deuteranopia

96.2850, 0.3183, 0.3329

Tritanopia

96.0422, 0.3124, 0.3233

Trichromacy



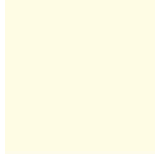
Original Color

96.2010, 0.3458, 0.3874



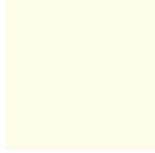
Protanomaly

96.0194, 0.3313, 0.3574



Deuteranomaly

96.2931, 0.3282, 0.3524



Tritanomaly

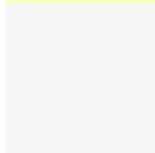
95.8175, 0.3241, 0.3456

Monochromacy



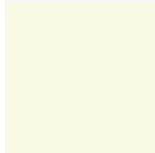
Original Color

96.2010, 0.3458, 0.3874



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.1124, 0.3252, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.2010, 0.3458, 0.3874 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, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 196)  
}
```

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, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 196) }
```

Border

The CSS property to change the border of an element to Yxy 96.2010, 0.3458, 0.3874 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, 255, 196) }
```

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

```
.border{ border-color:rgb(252, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 96.2010, 0.3458, 0.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 196) }
```

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

```
.background{ background-color: rgb(252,  
255, 196) }
```

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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