

Converting Colors

$Y_{xy}(109.1146, 0.3405, 0.4035)$

Have a look what the booklet for
Yxy(109.1146, 0.3405, 0.4035)
contains.

Yxy(96.0604, 0.3445, 0.3865)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(96.0604, 0.3445, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFC5
RGB	251, 255, 197
RGB Percent	98%, 100%, 77%
CMY	0.0157, 0.0000, 0.2274
CMYK	0.02, 0.00, 0.23, 0.00
HSL	64°, 100%, 89%
HSV	64°, 23%, 100%
XYZ	85.6218, 96.0604, 66.8570
YIQ	247.1920, 16.2340, -18.8860

Conversions

Conversions Part 2

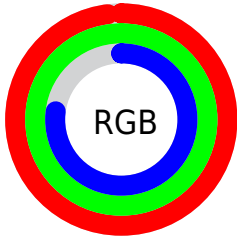
Format	Color
RYB	197, 255, 201
Decimal	16515013
CIELab	98.46, -10.45, 27.35
CIELCh	98, 29.277, 110.916
Yxy	96.0604, 0.3445, 0.3865
Android (android.graphics.Color)	4294705093 (0xFFFBFFC5)
YUV	247.1920, -24.7447, 3.3396
Hunter-Lab	98.0104, -15.5809, 28.1631

Details

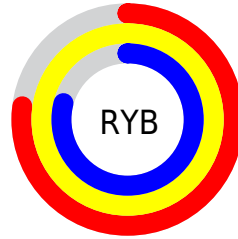
The Yxy color **96.0604, 0.3445, 0.3865** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.5765, 0.2766, 0.2654**, and the grayscale version is **93.3711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **53.8407, 0.3508, 0.3985** is the 20% darker color. If you saturate the color by 10%, you get **94.6633, 0.3584, 0.4121**, and if you desaturate by 10%, it is **97.6586, 0.3304, 0.3608**.

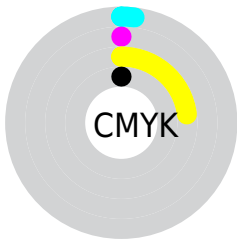
Distribution



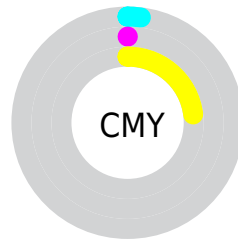
- Red (98%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (79%)



- Cyan (2%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.0604, 0.3445, 0.3865 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 96.0604, 0.3445, 0.3865 by changing the saturation by 10% instead.

 96.0604, 0.3445,
0.3865

 96.0604, 0.3445,
0.3865

547.5542, 0.3309,
0.3608

 73.0179, 0.3474,
0.3921

155.7288, 0.3400,
0.3778

 53.9906, 0.3508,
0.3990


193.1234, 0.3382,
0.3743

 38.5941, 0.3549,
0.4074


236.0708, 0.3366,
0.3713

 26.4441, 0.3599,
0.4182

284.9555, 0.3352,
0.3687

 17.1562, 0.3661,
0.4322

340.1618, 0.3339,
0.3664

 10.3459, 0.3740,
0.4511

402.0741, 0.3328,

 5.6289, 0.3838,

0.3643

0.4778

471.0767, 0.3318,
0.3625

■ 2.6208, 0.4055,
0.5311

■ 0.9371, 0.4038,
0.5962

■ 96.0604, 0.3445,
0.3865

■ 96.0604, 0.3445,
0.3865

■ 94.6633, 0.3584,
0.4121

■ 97.6586, 0.3304,
0.3608

■ 93.4569, 0.3714,
0.4368

■ 99.4666, 0.3165,
0.3357

■ 92.4305, 0.3831,
0.4593

100.0000, 0.3127,
0.3290

■ 91.5721, 0.3928,
0.4788

■ 90.8685, 0.4001,
0.4944

■ 90.3041, 0.4048,
0.5056

■ 89.8603, 0.4069,
0.5123

■ 89.5938, 0.4071,
0.5150

Harmonies

Analogous

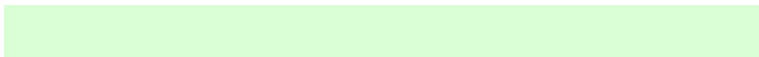
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0604, 0.3682, 0.3767



96.0604, 0.3445, 0.3865



96.0604, 0.3130, 0.3794

Triad

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



96.0604, 0.3445, 0.3865



96.0604, 0.2525, 0.2978



96.0604, 0.3422, 0.3035

Complementary

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



96.0604, 0.3445, 0.3865



59.5765, 0.2766, 0.2654

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.



96.0604, 0.3098, 0.2848



96.0604, 0.3445, 0.3865



96.0604, 0.2592, 0.2805

Square

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



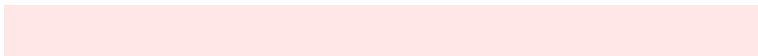
96.0604, 0.3445, 0.3865



96.0604, 0.2607, 0.3255



96.0604, 0.2797, 0.2763



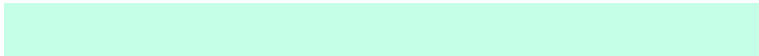
96.0604, 0.3673, 0.3287

Rectangle

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



96.0604, 0.3445, 0.3865



96.0604, 0.2920, 0.3653



96.0604, 0.2797, 0.2763



96.0604, 0.3317, 0.2963

Sweetspot

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



96.0606, 0.3445, 0.3865



98.6703, 0.3223, 0.3463



67.0074, 0.3588, 0.3331



21.0960, 0.3232, 0.3478



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

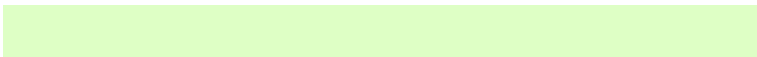
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.0606, 0.3445, 0.3865



95.4415, 0.3505, 0.3975



91.1033, 0.3255, 0.3901



21.0232, 0.3258, 0.3526



46.8418, 0.4073, 0.5148



4.5792, 0.4087, 0.5137

Inverse Universe

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



59.5765, 0.2766, 0.2654



53.4646, 0.2687, 0.2516



63.9590, 0.2969, 0.2690



17.4376, 0.2989, 0.3045



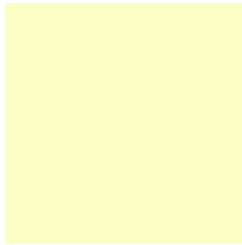
3.8597, 0.1521, 0.0611



0.3957, 0.1568, 0.0637

Previews

White Background



This preview shows how the Yxy color 96.0604, 0.3445, 0.3865 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 96.0604, 0.3445, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

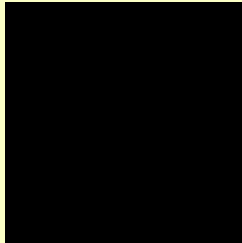
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.0604, 0.3445, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 96.0604, 0.3445, 0.3865.



This preview shows how white text looks on a background with the Yxy color 96.0604, 0.3445, 0.3865.

Color Blindness Simulation

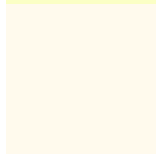
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



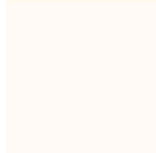
Original Color

96.0604, 0.3445, 0.3865



Protanopia

95.7456, 0.3236, 0.3416



Deuteranopia

96.2850, 0.3183, 0.3329

Tritanopia

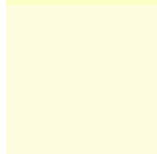
95.8540, 0.3117, 0.3233

Trichromacy



Original Color

96.0604, 0.3445, 0.3865



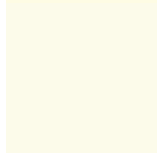
Protanomaly

95.9656, 0.3319, 0.3584



Deuteranomaly

96.2931, 0.3282, 0.3524



Tritanomaly

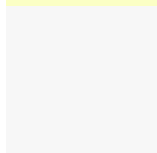
95.6303, 0.3234, 0.3456

Monochromacy



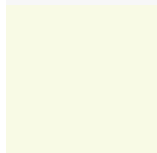
Original Color

96.0604, 0.3445, 0.3865



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.9848, 0.3239, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.0604, 0.3445, 0.3865 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 197) }
```

Border

The CSS property to change the border of an element to Yxy 96.0604, 0.3445, 0.3865 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, 197) }
```

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

```
.border{ border-color:rgb(251, 255, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 96.0604, 0.3445, 0.3865 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, 197) }
```

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

```
.background{ background-color: rgb(251,  
255, 197) }
```

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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