

Converting Colors

$Y_{xy}(96.8150, 0.3411, 0.3750)$

Have a look what the booklet for
Yxy(96.8150, 0.3411, 0.3750)
contains.

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Color

Yxy(96.6486, 0.3413, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	FFFECF
RGB	255, 254, 207
RGB Percent	100%, 100%, 81%
CMY	0.0001, 0.0039, 0.1881
CMYK	0.00, 0.00, 0.19, 0.00
HSL	59°, 100%, 91%
HSV	59°, 19%, 100%
XYZ	87.9397, 96.6486, 73.0726
YIQ	248.9410, 15.6830, -14.4050

Conversions

Conversions Part 2

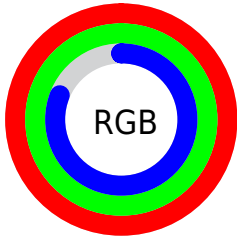
Format	Color
R _Y B	208, 255, 207
Decimal	16776911
CIE Lab	98.69, -7.14, 22.64
CIE LCh	99, 23.735, 107.501
Yxy	96.6486, 0.3413, 0.3751
Android (android.graphics.Color)	4294966991 (0xFFFFFECF)
YUV	248.9410, -20.6769, 5.3137
Hunter-Lab	98.3100, -12.3718, 24.7475

Details

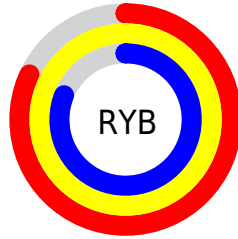
The Yxy color **96.6486, 0.3413, 0.3751** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.5977, 0.2815, 0.2783**, and the grayscale version is **94.8455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.2053, 0.3477, 0.3852** is the 20% darker color. If you saturate the color by 10%, you get **95.1810, 0.3568, 0.3999**, and if you desaturate by 10%, it is **98.3271, 0.3259, 0.3503**.

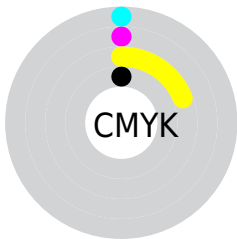
Distribution



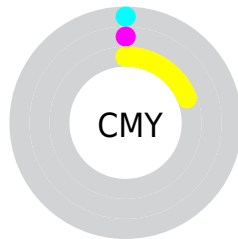
- Red (100%)
- Green (100%)
- Blue (81%)



- Red (82%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.6486, 0.3413, 0.3751 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 96.6486, 0.3413, 0.3751 by changing the saturation by 10% instead.


 96.6486, 0.3413,
0.3751

 96.6486, 0.3413,
0.3751


549.4294, 0.3289,
0.3546

 73.5079, 0.3439,
0.3796

156.5403, 0.3372,
0.3681

 54.3913, 0.3471,
0.3850


194.0600, 0.3355,
0.3654

 38.9146, 0.3509,
0.3917


237.1414, 0.3341,
0.3630

 26.6933, 0.3557,
0.4003

286.1691, 0.3328,
0.3609

 17.3430, 0.3618,
0.4114

341.5274, 0.3317,
0.3591

 10.4794, 0.3697,
0.4265

403.6006, 0.3307,

 5.7179, 0.3802,

0.3574

0.4480

472.7731, 0.3297,
0.3559

■ 2.6743, 0.3962,
0.4828

■ 0.9642, 0.4343,
0.5657

■ 96.6486, 0.3413,
0.3751

■ 96.6486, 0.3413,
0.3751

■ 95.1810, 0.3568,
0.3999


■ 98.3271, 0.3259,
0.3503


■ 93.9016, 0.3718,
0.4239


99.9947, 0.3127,
0.3290


■ 92.8045, 0.3857,
0.4461


■ 91.8780, 0.3980,
0.4654

 91.1096, 0.4081,
0.4810

 90.4846, 0.4156,
0.4923

 89.9860, 0.4203,
0.4992

 89.5886, 0.4227,
0.5022

 89.5439, 0.4229,
0.5024

Harmonies

Analogous

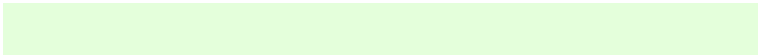
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.6486, 0.3592, 0.3664



96.6486, 0.3413, 0.3751



96.6486, 0.3162, 0.3707

Triad

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



96.6486, 0.3413, 0.3751



96.6486, 0.2637, 0.3063



96.6486, 0.3339, 0.3061

Complementary

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



96.6486, 0.3413, 0.3751



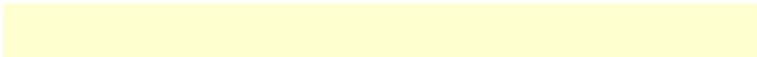
65.5977, 0.2815, 0.2783

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.



96.6486, 0.3075, 0.2915



96.6486, 0.3413, 0.3751



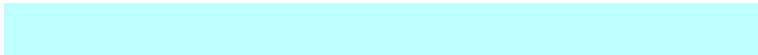
96.6486, 0.2678, 0.2907

Square

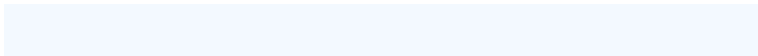
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



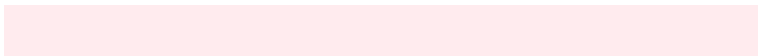
96.6486, 0.3413, 0.3751



96.6486, 0.2719, 0.3293



96.6486, 0.2835, 0.2858



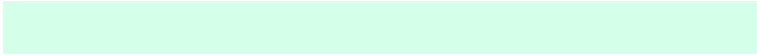
96.6486, 0.3550, 0.3266

Rectangle

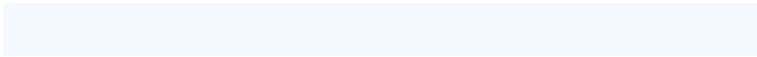
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.6486, 0.3413, 0.3751



96.6486, 0.2989, 0.3603



96.6486, 0.2835, 0.2858



96.6486, 0.3253, 0.3004

Sweetspot

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



96.6529, 0.3413, 0.3751



98.8582, 0.3216, 0.3434



70.4825, 0.3485, 0.3275



21.1341, 0.3226, 0.3450



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

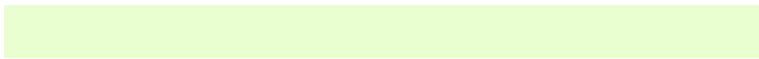
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.6529, 0.3413, 0.3751



96.0347, 0.3478, 0.3856



93.2655, 0.3264, 0.3782



21.0246, 0.3270, 0.3520



46.8286, 0.4228, 0.5025



4.5786, 0.4224, 0.5028

Inverse Universe

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



65.5977, 0.2815, 0.2783



59.1737, 0.2735, 0.2654



68.5856, 0.2967, 0.2795



17.4359, 0.2978, 0.3049



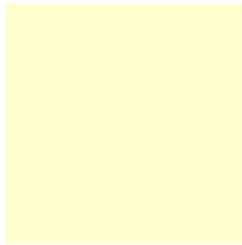
3.8557, 0.1503, 0.0612



0.3950, 0.1511, 0.0640

Previews

White Background



This preview shows how the Yxy color 96.6486, 0.3413, 0.3751 looks on a white background.

Color Contrast Check

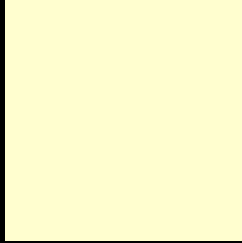
Large Text (above 18pt) WCAG AA × Fail

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 96.6486, 0.3413, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

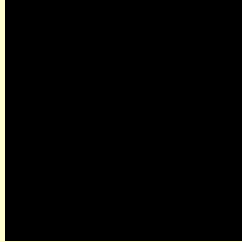
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.6486, 0.3413, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 96.6486, 0.3413, 0.3751.



This preview shows how white text looks on a background with the Yxy color 96.6486, 0.3413, 0.3751.

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

96.6486, 0.3413, 0.3751



Protanopia

96.6052, 0.3212, 0.3387

Deuteranopia

96.4085, 0.3171, 0.3309

Tritanopia

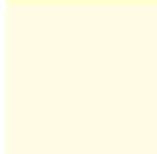
96.6620, 0.3123, 0.3242

Trichromacy



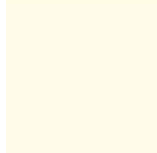
Original Color

96.6486, 0.3413, 0.3751



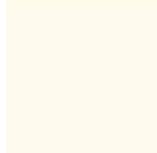
Protanomaly

96.5380, 0.3283, 0.3514



Deuteranomaly

96.1376, 0.3260, 0.3465



Tritanomaly

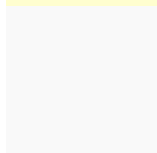
96.2382, 0.3223, 0.3416

Monochromacy



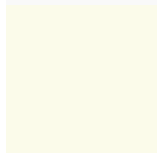
Original Color

96.6486, 0.3413, 0.3751



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

95.4441, 0.3228, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.6486, 0.3413, 0.3751 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, 254, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 207)  
}
```

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, 254, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 207) }
```

Border

The CSS property to change the border of an element to Yxy 96.6486, 0.3413, 0.3751 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, 254, 207) }
```

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

```
.border{ border-color:rgb(255, 254, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 96.6486, 0.3413, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 207) }
```

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

```
.background{ background-color: rgb(255,  
254, 207) }
```

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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