

Converting Colors

$Yxy(89.0517, 0.3449, 0.3842)$

Have a look what the booklet for
Yxy(89.0517, 0.3449, 0.3842)
contains.

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Color

Yxy(88.9504, 0.3445, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	F4F6C0
RGB	244, 246, 192
RGB Percent	96%, 96%, 75%
CMY	0.0432, 0.0353, 0.2469
CMYK	0.01, 0.00, 0.22, 0.04
HSL	62°, 75%, 86%
HSV	62°, 22%, 96%
XYZ	79.7798, 88.9504, 62.8512
YIQ	239.2460, 16.1420, -17.2180

Conversions

Conversions Part 2

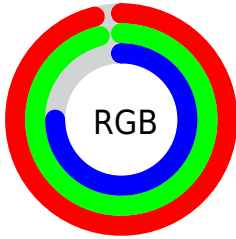
Format	Color
R _Y B	192, 246, 194
Decimal	16053952
CIE Lab	95.56, -9.21, 25.82
CIE LCh	96, 27.412, 109.630
Yxy	88.9504, 0.3445, 0.3841
Android (android.graphics.Color)	4294244032 (0xFFFF4F6C0)
YUV	239.2460, -23.2923, 4.1693
Hunter-Lab	94.3135, -14.0556, 26.5082

Details

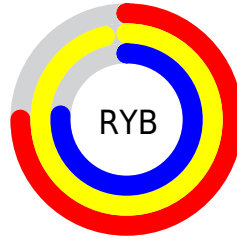
The Yxy color **88.9504, 0.3445, 0.3841** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.8428, 0.2770, 0.2678**, and the grayscale version is **86.6973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **49.2267, 0.3508, 0.3971** is the 20% darker color. If you saturate the color by 10%, you get **87.7897, 0.3589, 0.4094**, and if you desaturate by 10%, it is **90.3021, 0.3299, 0.3586**.

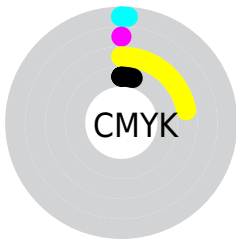
Distribution



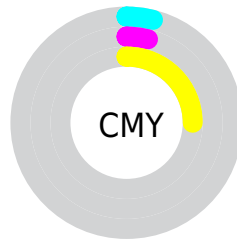
- Red (96%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)




- Cyan (4%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9504, 0.3445, 0.3841 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 88.9504, 0.3445, 0.3841 by changing the saturation by 10% instead.

 88.9504, 0.3445,
0.3841

 88.9504, 0.3445,
0.3841

524.6106, 0.3306,
0.3592

 67.1104, 0.3475,
0.3896


 145.8796, 0.3399,
0.3756

 49.1744, 0.3510,
0.3964

181.7376, 0.3380,
0.3722

 34.7578, 0.3553,
0.4048


223.0371, 0.3364,
0.3693

 23.4764, 0.3607,
0.4156

270.1625, 0.3350,
0.3668

 14.9457, 0.3674,
0.4298

323.4981, 0.3337,
0.3645

 8.7813, 0.3761,
0.4492

383.4284, 0.3326,

 4.5988, 0.3870,

0.3625

0.4770

450.3378, 0.3315,
0.3608

■ 2.0138, 0.4267,
0.5539

■ 0.6155, 0.3692,
0.6308

■ 88.9504, 0.3445,
0.3841

■ 88.9504, 0.3445,
0.3841

■ 87.7897, 0.3589,
0.4094

■ 90.3021, 0.3299,
0.3586

■ 86.7990, 0.3727,
0.4337


■ 91.8414, 0.3155,
0.3337


■ 85.9726, 0.3850,
0.4560

■ 92.8625, 0.3079,
0.3203


■ 85.2996, 0.3955,
0.4751

■ 93.0293, 0.3085,
0.3203

 84.7678, 0.4036,
0.4904

 93.1969, 0.3090,
0.3203

 84.3634, 0.4091,
0.5013

 93.3653, 0.3096,
0.3203

 84.0696, 0.4120,
0.5078

 93.5345, 0.3102,
0.3203

 83.8924, 0.4127,
0.5105

 93.7045, 0.3108,
0.3203

 93.8754, 0.3114,
0.3204

Harmonies

Analogous

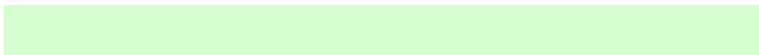
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9504, 0.3668, 0.3742



88.9504, 0.3445, 0.3841



88.9504, 0.3144, 0.3779

Triad

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



88.9504, 0.3445, 0.3841



88.9504, 0.2548, 0.3001



88.9504, 0.3398, 0.3036

Complementary

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



88.9504, 0.3445, 0.3841



55.8428, 0.2770, 0.2678

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.



88.9504, 0.3086, 0.2858



88.9504, 0.3445, 0.3841



88.9504, 0.2606, 0.2828

Square

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



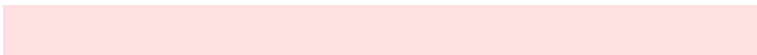
88.9504, 0.3445, 0.3841



88.9504, 0.2634, 0.3270



88.9504, 0.2799, 0.2782



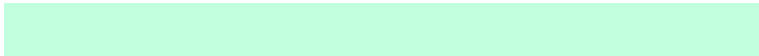
88.9504, 0.3644, 0.3277

Rectangle

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



88.9504, 0.3445, 0.3841



88.9504, 0.2941, 0.3649



88.9504, 0.2799, 0.2782



88.9504, 0.3297, 0.2967

Sweetspot

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



88.9544, 0.3445, 0.3841



98.7773, 0.3227, 0.3462



61.9098, 0.3571, 0.3311



21.1209, 0.3236, 0.3477



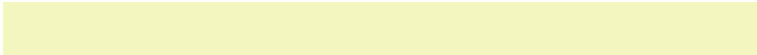
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

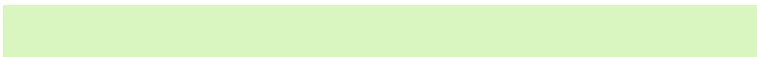
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9544, 0.3445, 0.3841



95.9758, 0.3505, 0.3946



84.5075, 0.3262, 0.3874



19.2803, 0.3263, 0.3524



44.7906, 0.4129, 0.5104



3.9463, 0.4137, 0.5097

Inverse Universe

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



55.8428, 0.2770, 0.2678



54.5846, 0.2692, 0.2546



59.7114, 0.2963, 0.2711



15.9561, 0.2985, 0.3045



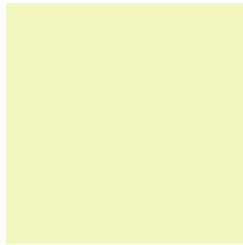
3.5963, 0.1511, 0.0606



0.3262, 0.1540, 0.0622

Previews

White Background



This preview shows how the Yxy color 88.9504, 0.3445, 0.3841 looks on a white background.

Color Contrast Check

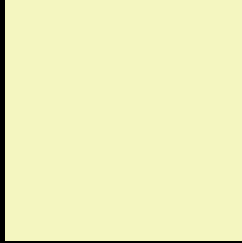
Large Text (above 18pt) WCAG AA × Fail

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 88.9504, 0.3445, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

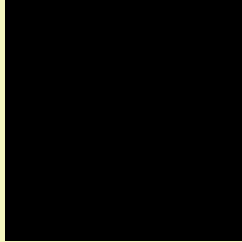
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.9504, 0.3445, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 88.9504, 0.3445, 0.3841.

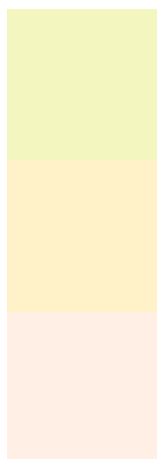


This preview shows how white text looks on a background with the Yxy color 88.9504, 0.3445, 0.3841.

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

88.9504, 0.3445, 0.3841

Protanopia

88.9813, 0.3473, 0.3699

Deuteranopia

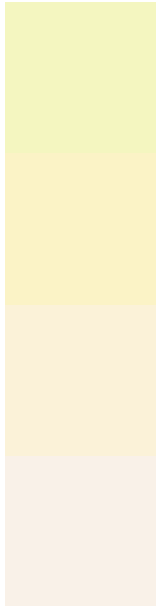
88.6501, 0.3297, 0.3389



Tritanopia

89.0645, 0.3115, 0.3126

Trichromacy



Original Color

88.9504, 0.3445, 0.3841

Protanomaly

88.6876, 0.3462, 0.3743

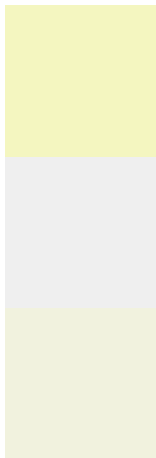
Deuteranomaly

88.9714, 0.3349, 0.3550

Tritanomaly

88.8765, 0.3236, 0.3380

Monochromacy



Original Color

88.9504, 0.3445, 0.3841

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.4790, 0.3243, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9504, 0.3445, 0.3841 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(244, 246, 192)` looks like.

```
.text, #text, p{  
    color:rgb(244, 246, 192)  
}
```

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(244, 246, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 246, 192) }
```

Border

The CSS property to change the border of an element to Yxy 88.9504, 0.3445, 0.3841 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(244, 246, 192) }
```

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

```
.border{ border-color:rgb(244, 246, 192) }
```

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

Here you see how a box with a 4 pixel rgb(244, 246, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 246, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 246, 192);  
box-shadow:4px 4px 4px 4px rgb(244, 246,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9504, 0.3445, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 246, 192) }
```

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

```
.background{ background-color: rgb(244,  
246, 192) }
```

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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