

Converting Colors

$Yxy(93.0550, 0.3838, 0.3970)$

Have a look what the booklet for
Yxy(93.0550, 0.3838, 0.3970)
contains.

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Color

Yxy(88.2635, 0.3667, 0.4019)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3AA
RGB	255, 243, 170
RGB Percent	100%, 95%, 67%
CMY	0.0002, 0.0470, 0.3333
CMYK	0.00, 0.05, 0.33, 0.00
HSL	52°, 100%, 83%
HSV	52°, 33%, 100%
XYZ	80.5330, 88.2635, 50.8190
YIQ	238.2660, 30.5850, -20.1590

Conversions

Conversions Part 2

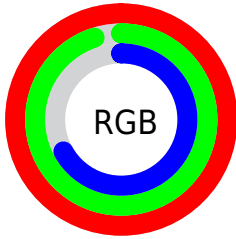
Format	Color
RYB	184, 255, 170
Decimal	16774058
CIELab	95.27, -6.49, 36.71
CIELCh	95, 37.279, 100.023
Yxy	88.2635, 0.3667, 0.4019
Android (android.graphics.Color)	4294964138 (0xFFFFF3AA)
YUV	238.2660, -33.6551, 14.6757
Hunter-Lab	93.9487, -11.3995, 33.6927

Details

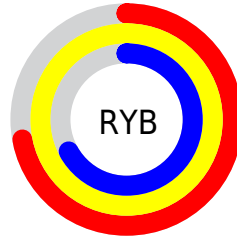
The Yxy color **88.2635, 0.3667, 0.4019** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.1888, 0.2543, 0.2437**, and the grayscale version is **85.9628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **48.6953, 0.3774, 0.4176** is the 20% darker color. If you saturate the color by 10%, you get **85.2718, 0.3835, 0.4231**, and if you desaturate by 10%, it is **91.4921, 0.3498, 0.3798**.

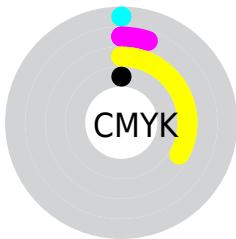
Distribution



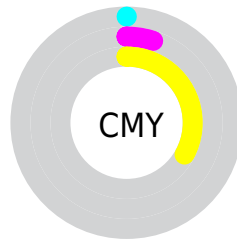
- Red (100%)
- Green (95%)
- Blue (67%)



- Red (72%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2635, 0.3667, 0.4019 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 88.2635, 0.3667, 0.4019 by changing the saturation by 10% instead.


 88.2635, 0.3667,
0.4019

 88.2635, 0.3667,
0.4019


522.3658, 0.3432,
0.3693

 66.5413, 0.3717,
0.4090


 144.9239, 0.3589,
0.3909

 48.7120, 0.3775,
0.4175

180.6310, 0.3557,
0.3865

 34.3910, 0.3846,
0.4280


221.7685, 0.3530,
0.3827

 23.1942, 0.3933,
0.4411

268.7207, 0.3506,
0.3793

 14.7369, 0.4038,
0.4577

321.8722, 0.3484,
0.3764

 8.6350, 0.4165,
0.4792

381.6073, 0.3465,

 4.5039, 0.4345,

0.3738

0.5111

448.3103, 0.3448,
0.3714

■ 1.9592, 0.4505,
0.5495

■ 0.5836, 0.4044,
0.5956

■ 88.2635, 0.3667,
0.4019

■ 88.2635, 0.3667,
0.4019

■ 85.2718, 0.3835,
0.4231

■ 91.4921, 0.3498,
0.3798

■ 82.4939, 0.3996,
0.4424

■ 94.9559, 0.3333,
0.3576

■ 79.9216, 0.4143,
0.4589

■ 98.6682, 0.3177,
0.3360

■ 77.5412, 0.4268,
0.4714

99.9911, 0.3127,
0.3290

■ 75.3368, 0.4367,
0.4795

■ 73.2894, 0.4437,
0.4830

■ 71.9912, 0.4470,
0.4833

Harmonies

Analogous

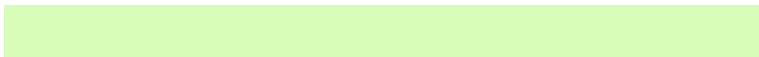
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2635, 0.3920, 0.3813



88.2635, 0.3667, 0.4019



88.2635, 0.3278, 0.4022

Triad

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



88.2635, 0.3667, 0.4019



88.2635, 0.2367, 0.2993



88.2635, 0.3360, 0.2861

Complementary

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



88.2635, 0.3667, 0.4019



49.1888, 0.2543, 0.2437

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.



88.2635, 0.2933, 0.2666



88.2635, 0.3667, 0.4019



88.2635, 0.2384, 0.2719

Square

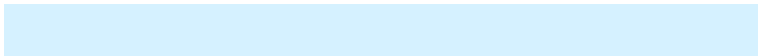
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2635, 0.3667, 0.4019



88.2635, 0.2536, 0.3388



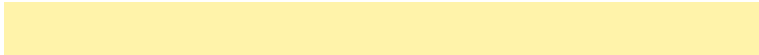
88.2635, 0.2583, 0.2611



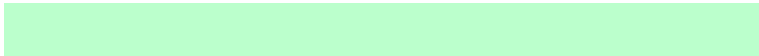
88.2635, 0.3743, 0.3157

Rectangle

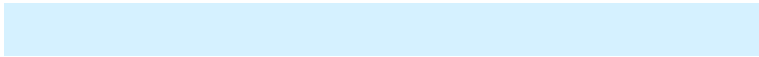
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.2635, 0.3667, 0.4019



88.2635, 0.2997, 0.3887



88.2635, 0.2583, 0.2611



88.2635, 0.3216, 0.2783

Sweetspot

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



88.2675, 0.3667, 0.4019



96.2014, 0.3280, 0.3503



53.4071, 0.3791, 0.3158



20.4812, 0.3303, 0.3534



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

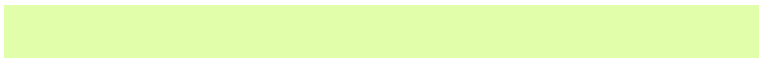
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2675, 0.3667, 0.4019



86.2783, 0.3780, 0.4162



90.4350, 0.3429, 0.4184



20.6301, 0.3273, 0.3493



37.7998, 0.4465, 0.4837



3.7947, 0.4429, 0.4865

Inverse Universe

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



49.1888, 0.2543, 0.2437



41.7489, 0.2409, 0.2231



48.2073, 0.2736, 0.2348



17.7891, 0.2979, 0.3079



4.5500, 0.1530, 0.0709



0.5617, 0.1576, 0.0871

Previews

White Background



This preview shows how the Yxy color 88.2635, 0.3667, 0.4019 looks on a white background.

Color Contrast Check

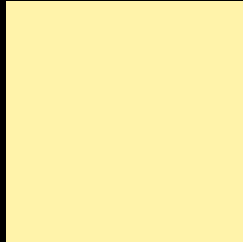
Large Text (above 18pt) WCAG AA × Fail

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 88.2635, 0.3667, 0.4019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

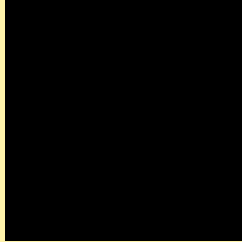
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.2635, 0.3667, 0.4019

Background



This preview shows how black text looks on a background with the Yxy color 88.2635, 0.3667, 0.4019.



This preview shows how white text looks on a background with the Yxy color 88.2635, 0.3667, 0.4019.

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

88.2635, 0.3667, 0.4019

Protanopia

88.0656, 0.3520, 0.3760

Deuteranopia

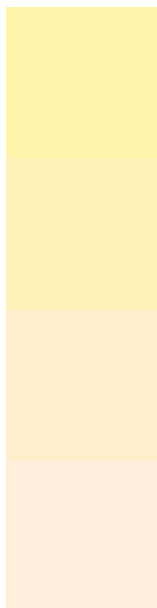
88.4292, 0.3323, 0.3429



Tritanopia

87.9663, 0.3186, 0.3183

Trichromacy



Original Color

88.2635, 0.3667, 0.4019

Protanomaly

88.2670, 0.3575, 0.3860

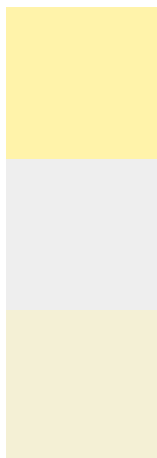
Deuteranomaly

87.9880, 0.3451, 0.3640

Tritanomaly

88.1075, 0.3361, 0.3489

Monochromacy



Original Color

88.2635, 0.3667, 0.4019

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.3574, 0.3323, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2635, 0.3667, 0.4019 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, 243, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 170)  
}
```

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, 243, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 170) }
```

Border

The CSS property to change the border of an element to Yxy 88.2635, 0.3667, 0.4019 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, 243, 170) }
```

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

```
.border{ border-color:rgb(255, 243, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2635, 0.3667, 0.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 170) }
```

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

```
.background{ background-color: rgb(255,  
243, 170) }
```

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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