

Converting Colors

$Y_{xy}(86.2815, 0.3552, 0.3821)$

Have a look what the booklet for
Yxy(86.2815, 0.3552, 0.3821)
contains.

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Color

Yxy(86.0163, 0.3548, 0.3816)

Conversions

Conversions Part 1

Format	Color
Hex	FCEFBB
RGB	252, 239, 187
RGB Percent	99%, 94%, 73%
CMY	0.0119, 0.0627, 0.2665
CMYK	0.00, 0.05, 0.26, 0.01
HSL	48°, 91%, 86%
HSV	48°, 26%, 99%
XYZ	79.9753, 86.0163, 59.4180
YIQ	236.9590, 24.4400, -13.4160

Conversions

Conversions Part 2

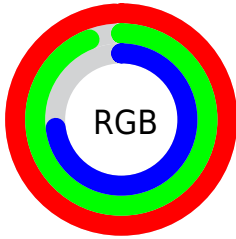
Format	Color
R _Y B	203, 252, 187
Decimal	16576443
CIE Lab	94.32, -3.48, 26.77
CIE LCh	94, 26.994, 97.402
Yxy	86.0163, 0.3548, 0.3816
Android (android.graphics.Color)	4294766523 (0xFFFCFBB)
YUV	236.9590, -24.6298, 13.1910
Hunter-Lab	92.7450, -8.3806, 26.9368

Details

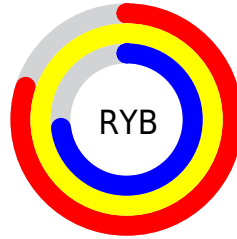
The Yxy color **86.0163, 0.3548, 0.3816** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.8979, 0.2694, 0.2702**, and the grayscale version is **84.8353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **47.1625, 0.3645, 0.3936** is the 20% darker color. If you saturate the color by 10%, you get **82.1307, 0.3726, 0.4023**, and if you desaturate by 10%, it is **90.1809, 0.3377, 0.3607**.

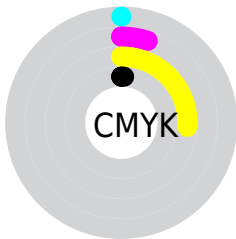
Distribution



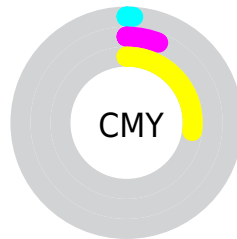
- Red (99%)
- Green (94%)
- Blue (73%)



- Red (80%)
- Yellow (99%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (26%)
- Black (1%)





- Cyan (1%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0163, 0.3548, 0.3816 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 86.0163, 0.3548, 0.3816 by changing the saturation by 10% instead.

 86.0163, 0.3548,
0.3816

 86.0163, 0.3548,
0.3816


514.9850, 0.3361,
0.3579

 64.6815, 0.3589,
0.3868

 141.7922, 0.3485,
0.3735

 47.2028, 0.3638,
0.3932

177.0021, 0.3460,
0.3704

 33.1960, 0.3698,
0.4010


217.6058, 0.3438,
0.3676

 22.2767, 0.3773,
0.4110

263.9877, 0.3419,
0.3652

 14.0603, 0.3870,
0.4240

316.5321, 0.3402,
0.3631

 8.1626, 0.3997,
0.4414

375.6236, 0.3387,

 4.1992, 0.4165,

0.3612

0.4656

441.6464, 0.3373,
0.3595

■ 1.7856, 0.4671,
0.5329

■ 0.4782, 0.4360,
0.5640

■ 86.0163, 0.3548,
0.3816

■ 86.0163, 0.3548,
0.3816

■ 82.1307, 0.3726,
0.4023

■ 90.1809, 0.3377,
0.3607

■ 78.5020, 0.3905,
0.4221

■ 94.6226, 0.3215,
0.3404

■ 75.1224, 0.4079,
0.4399

■ 98.8538, 0.3109,
0.3281

■ 71.9795, 0.4240,
0.4546

■ 99.4298, 0.3108,
0.3290

■ 69.0590, 0.4380,
0.4654

■ 66.3444, 0.4493,
0.4716

■ 63.8155, 0.4576,
0.4730

■ 62.7898, 0.4605,
0.4726

Harmonies

Analogous

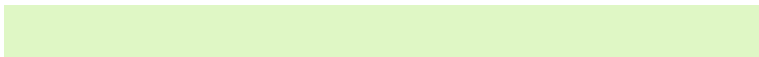
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0163, 0.3716, 0.3665



86.0163, 0.3548, 0.3816



86.0163, 0.3270, 0.3823

Triad

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



86.0163, 0.3548, 0.3816



86.0163, 0.2568, 0.3103



86.0163, 0.3273, 0.2954

Complementary

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



86.0163, 0.3548, 0.3816



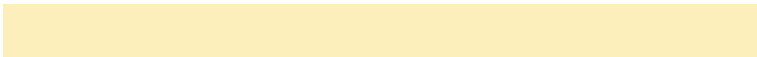
58.8979, 0.2694, 0.2702

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.



86.0163, 0.2962, 0.2815



86.0163, 0.3548, 0.3816



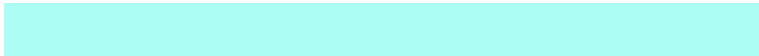
86.0163, 0.2567, 0.2886

Square

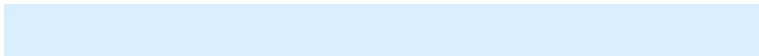
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0163, 0.3548, 0.3816



86.0163, 0.2709, 0.3392



86.0163, 0.2708, 0.2787



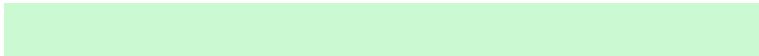
86.0163, 0.3556, 0.3174

Rectangle

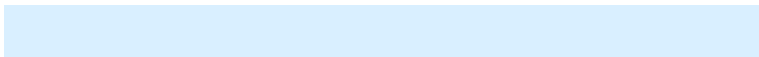
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0163, 0.3548, 0.3816



86.0163, 0.3064, 0.3734



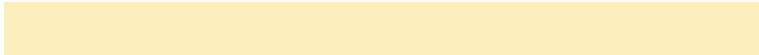
86.0163, 0.2708, 0.2787



86.0163, 0.3168, 0.2897

Sweetspot

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



86.0202, 0.3548, 0.3816



96.1857, 0.3250, 0.3448



60.4149, 0.3569, 0.3155



20.4387, 0.3274, 0.3479



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

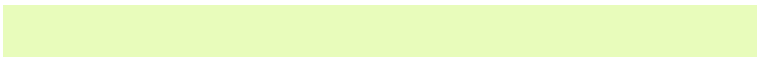
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0202, 0.3548, 0.3816



86.2596, 0.3641, 0.3925



90.4287, 0.3386, 0.3965



19.5678, 0.3274, 0.3479



32.9306, 0.4597, 0.4732



3.1942, 0.4539, 0.4778

Inverse Universe

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



58.8979, 0.2694, 0.2702



54.0213, 0.2595, 0.2561



55.7758, 0.2817, 0.2578



17.2036, 0.2979, 0.3094



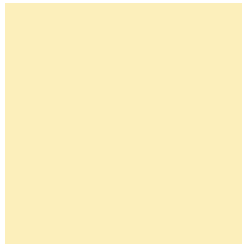
5.0249, 0.1554, 0.0794



0.6071, 0.1610, 0.0996

Previews

White Background



This preview shows how the Yxy color 86.0163, 0.3548, 0.3816 looks on a white background.

Color Contrast Check

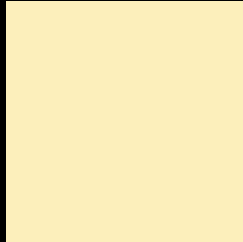
Large Text (above 18pt) WCAG AA × Fail

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 86.0163, 0.3548, 0.3816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

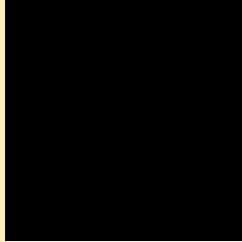
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.0163, 0.3548, 0.3816

Background



This preview shows how black text looks on a background with the Yxy color 86.0163, 0.3548, 0.3816.



This preview shows how white text looks on a background with the Yxy color 86.0163, 0.3548, 0.3816.

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

86.0163, 0.3548, 0.3816

Protanopia

85.8078, 0.3565, 0.3804

Deuteranopia

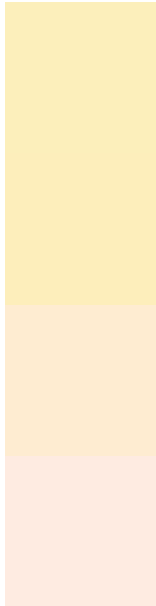
85.8971, 0.3354, 0.3430



Tritanopia

86.1916, 0.3194, 0.3164

Trichromacy



Original Color

86.0163, 0.3548, 0.3816

Protanomaly

85.6196, 0.3558, 0.3805

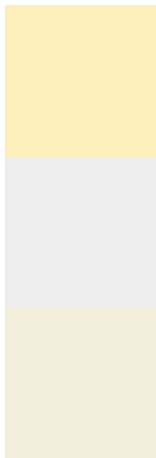
Deuteranomaly

85.6652, 0.3424, 0.3561

Tritanomaly

85.9237, 0.3321, 0.3390

Monochromacy



Original Color

86.0163, 0.3548, 0.3816

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.1408, 0.3273, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0163, 0.3548, 0.3816 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, 239, 187)` looks like.

```
.text, #text, p{  
    color:rgb(252, 239, 187)  
}
```

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, 239, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 239, 187) }
```

Border

The CSS property to change the border of an element to Yxy 86.0163, 0.3548, 0.3816 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, 239, 187) }
```

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

```
.border{ border-color:rgb(252, 239, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 239, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 239, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 239, 187);  
box-shadow:4px 4px 4px 4px rgb(252, 239,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0163, 0.3548, 0.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 239, 187) }
```

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

```
.background{ background-color: rgb(252,  
239, 187) }
```

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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