

Converting Colors

$Y_{xy}(86.1519, 0.3556, 0.3866)$

Have a look what the booklet for
Yxy(86.1519, 0.3556, 0.3866)
contains.

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Color

Yxy(86.0631, 0.3558, 0.3869)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FAF0B7 |
| RGB | 250, 240, 183 |
| RGB Percent | 98%, 94%, 72% |
| CMY | 0.0194, 0.0589, 0.2824 |
| CMYK | 0.00, 0.04, 0.27, 0.02 |
| HSL | 51°, 87%, 85% |
| HSV | 51°, 27%, 98% |
| XYZ | 79.1451, 86.0631, 57.2345 |
| YIQ | 236.4920, 24.2570, -15.6070 |

Conversions

Conversions Part 2

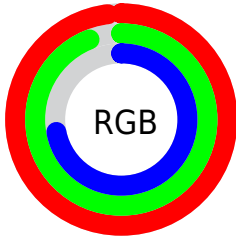
| Format | Color |
|-------------------------------------|--|
| RYB | 195, 250, 183 |
| Decimal | 16445623 |
| CIELab | 94.34, -5.20, 28.83 |
| CIELCh | 94, 29.296, 100.229 |
| Yxy | 86.0631, 0.3558, 0.3869 |
| Android (android.graphics.Color) | 4294635703 (0xFFFAF0B7) |
| YUV | 236.4920, -26.3716, 11.8465 |
| Hunter-Lab | 92.7702, -10.0640, 28.3602 |

Details

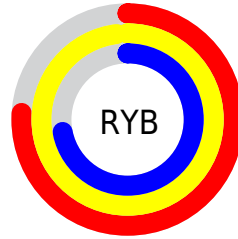
The Yxy color **86.0631, 0.3558, 0.3869** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.1363, 0.2671, 0.2636**, and the grayscale version is **84.4766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **47.2301, 0.3647, 0.3991** is the 20% darker color. If you saturate the color by 10%, you get **82.9300, 0.3729, 0.4086**, and if you desaturate by 10%, it is **89.4346, 0.3391, 0.3649**.

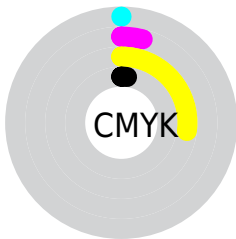
Distribution



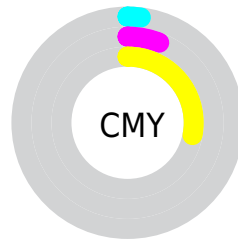
- Red (98%)
- Green (94%)
- Blue (72%)



- Red (76%)
- Yellow (98%)
- Blue (72%)



- Cyan (0%)
- Magenta (4%)
- Yellow (27%)
- Black (2%)





- Cyan (2%)
- Magenta (6%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0631, 0.3558, 0.3869 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 86.0631, 0.3558, 0.3869 by changing the saturation by 10% instead.


 86.0631, 0.3558,
0.3869

 86.0631, 0.3558,
0.3869

515.1393, 0.3368,
0.3608

 64.7202, 0.3599,
0.3927

 141.8575, 0.3494,
0.3780

 47.2342, 0.3648,
0.3997

177.0778, 0.3468,
0.3745

 33.2208, 0.3709,
0.4083


217.6927, 0.3446,
0.3714

 22.2957, 0.3784,
0.4194

264.0865, 0.3427,
0.3688

 14.0743, 0.3880,
0.4337

316.6437, 0.3409,
0.3664

 8.1724, 0.4002,
0.4529

375.7486, 0.3394,

 4.2054, 0.4159,

0.3643

0.4794

441.7856, 0.3380,
0.3625

■ 1.7891, 0.4570,
0.5430

■ 0.4804, 0.4069,
0.5931

■ 86.0631, 0.3558,
0.3869

■ 86.0631, 0.3558,
0.3869

■ 82.9300, 0.3729,
0.4086

■ 89.4346, 0.3391,
0.3649

■ 80.0137, 0.3897,
0.4291

■ 93.0422, 0.3231,
0.3433

■ 77.3070, 0.4056,
0.4474

■ 96.7032, 0.3098,
0.3254

■ 74.7978, 0.4199,
0.4624

■ 99.0740, 0.3097,
0.3290

■ 72.4724, 0.4319,
0.4734

■ 70.3146, 0.4411,
0.4797

■ 68.3043, 0.4474,
0.4816

■ 67.6859, 0.4491,
0.4816

Harmonies

Analogous

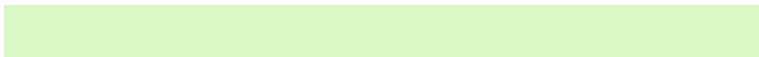
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0631, 0.3756, 0.3715



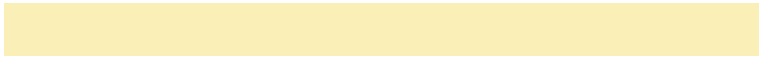
86.0631, 0.3558, 0.3869



86.0631, 0.3249, 0.3862

Triad

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



86.0631, 0.3558, 0.3869



86.0631, 0.2516, 0.3058



86.0631, 0.3317, 0.2947

Complementary

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



86.0631, 0.3558, 0.3869



55.1363, 0.2671, 0.2636

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.



86.0631, 0.2978, 0.2787



86.0631, 0.3558, 0.3869



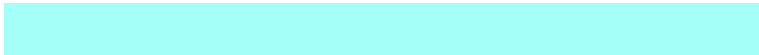
86.0631, 0.2530, 0.2836

Square

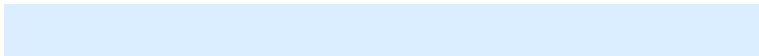
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0631, 0.3558, 0.3869



86.0631, 0.2654, 0.3369



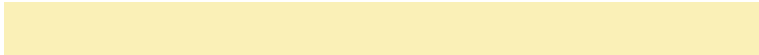
86.0631, 0.2694, 0.2744



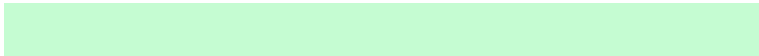
86.0631, 0.3616, 0.3189

Rectangle

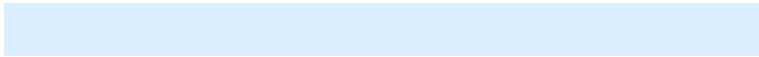
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0631, 0.3558, 0.3869



86.0631, 0.3026, 0.3754



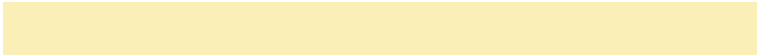
86.0631, 0.2694, 0.2744



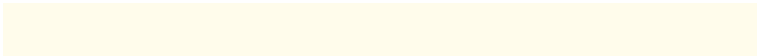
86.0631, 0.3203, 0.2882

Sweetspot

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



86.0670, 0.3558, 0.3869



96.8173, 0.3249, 0.3458



58.1002, 0.3612, 0.3173



20.5988, 0.3273, 0.3490



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

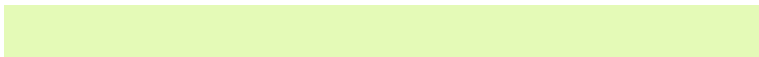
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0670, 0.3558, 0.3869



88.2470, 0.3647, 0.3983



88.2684, 0.3381, 0.3997



19.7207, 0.3273, 0.3490



36.0548, 0.4485, 0.4820



3.4559, 0.4445, 0.4853

Inverse Universe

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



55.1363, 0.2671, 0.2636



51.1185, 0.2570, 0.2486



53.7975, 0.2818, 0.2550



17.0633, 0.2979, 0.3082



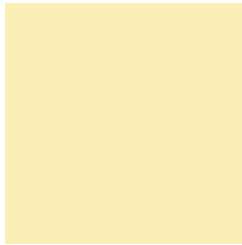
4.5068, 0.1534, 0.0722



0.5385, 0.1583, 0.0900

Previews

White Background



This preview shows how the Yxy color 86.0631, 0.3558, 0.3869 looks on a white background.

Color Contrast Check

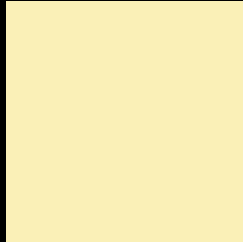
Large Text (above 18pt) WCAG AA × Fail

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 86.0631, 0.3558, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

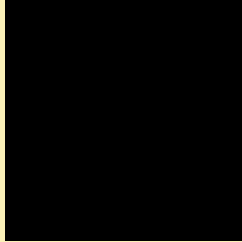
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.0631, 0.3558, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 86.0631, 0.3558, 0.3869.



This preview shows how white text looks on a background with the Yxy color 86.0631, 0.3558, 0.3869.

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

86.0631, 0.3558, 0.3869

Protanopia

85.8280, 0.3598, 0.3843

Deuteranopia

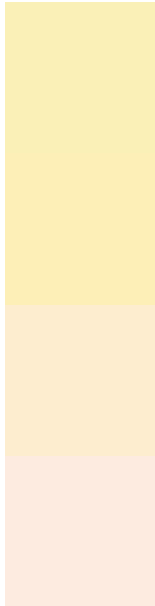
85.8971, 0.3354, 0.3430



Tritanopia

85.6886, 0.3188, 0.3144

Trichromacy



Original Color

86.0631, 0.3558, 0.3869

Protanomaly

86.0345, 0.3582, 0.3855

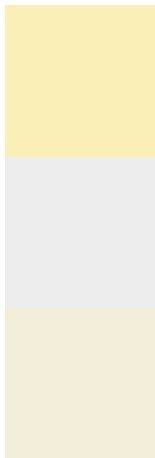
Deuteranomaly

85.9560, 0.3429, 0.3592

Tritanomaly

85.6811, 0.3320, 0.3400

Monochromacy



Original Color

86.0631, 0.3558, 0.3869

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.0361, 0.3286, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0631, 0.3558, 0.3869 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(250, 240, 183)` looks like.

```
.text, #text, p{  
  color:rgb(250, 240, 183)  
}
```

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(250, 240, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 240, 183) }
```

Border

The CSS property to change the border of an element to Yxy 86.0631, 0.3558, 0.3869 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(250, 240, 183) }
```

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

```
.border{ border-color:rgb(250, 240, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 240, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 240, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 240, 183);  
box-shadow:4px 4px 4px 4px rgb(250, 240,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0631, 0.3558, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 240, 183) }
```

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

```
.background{ background-color: rgb(250,  
240, 183) }
```

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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