

Converting Colors

$Yxy(81.8075, 0.3532, 0.3852)$

Have a look what the booklet for
Yxy(81.8075, 0.3532, 0.3852)
contains.

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Color

Yxy(81.8075, 0.3532, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	F3EBB5
RGB	243, 235, 181
RGB Percent	95%, 92%, 71%
CMY	0.0471, 0.0784, 0.2902
CMYK	0.00, 0.03, 0.26, 0.05
HSL	52°, 72%, 83%
HSV	52°, 26%, 95%
XYZ	75.0114, 81.8075, 55.5577
YIQ	231.2360, 22.1020, -15.0980

Conversions

Conversions Part 2

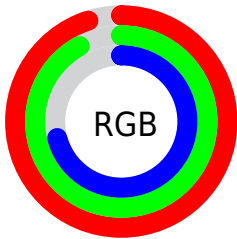
Format	Color
RYB	190, 243, 181
Decimal	15985589
CIELab	92.49, -5.57, 27.23
CIELCh	92, 27.797, 101.553
Yxy	81.8075, 0.3532, 0.3852
Android (android.graphics.Color)	4294175669 (0xFFFF3EBB5)
YUV	231.2360, -24.7663, 10.3170
Hunter-Lab	90.4475, -10.2465, 26.8941

Details

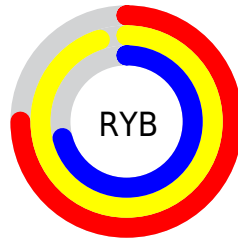
The Yxy color **81.8075, 0.3532, 0.3852** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.6934, 0.2695, 0.2658**, and the grayscale version is **80.2743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **44.2378, 0.3616, 0.3973** is the 20% darker color. If you saturate the color by 10%, you get **79.1203, 0.3699, 0.4074**, and if you desaturate by 10%, it is **84.7076, 0.3368, 0.3628**.

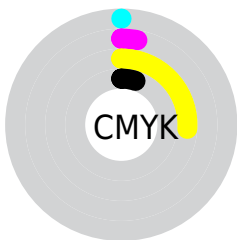
Distribution



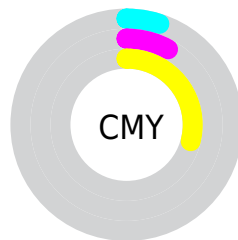
- Red (95%)
- Green (92%)
- Blue (71%)



- Red (75%)
- Yellow (95%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (26%)
- Black (5%)




- Cyan (5%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.8075, 0.3532, 0.3852 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 81.8075, 0.3532, 0.3852 by changing the saturation by 10% instead.


 81.8075, 0.3532,
0.3852

 81.8075, 0.3532,
0.3852

501.0036, 0.3351,
0.3596

 61.2069, 0.3571,
0.3909


 135.9040, 0.3471,
0.3764

 44.3921, 0.3619,
0.3979


170.1687, 0.3447,
0.3730

 30.9789, 0.3677,
0.4066


209.7569, 0.3426,
0.3700

 20.5828, 0.3750,
0.4178

255.0529, 0.3407,
0.3674

 12.8194, 0.3844,
0.4325

306.4412, 0.3391,
0.3651

 7.3043, 0.3966,
0.4524

364.3061, 0.3376,

 3.6531, 0.4127,

0.3630

0.4810

429.0321, 0.3363,
0.3612

■ 1.4815, 0.4526,
0.5474

■ 0.2756, 0.3139,
0.6861

■ 81.8075, 0.3532,
0.3852

■ 81.8075, 0.3532,
0.3852

■ 79.1203, 0.3699,
0.4074

■ 84.7076, 0.3368,
0.3628

■ 76.6258, 0.3864,
0.4284

■ 87.8182, 0.3210,
0.3408

■ 74.3177, 0.4019,
0.4474

■ 91.1510, 0.3062,
0.3197

■ 72.1850, 0.4158,
0.4632

■ 93.1270, 0.3055,
0.3217

■ 70.2151, 0.4274,
0.4750

■ 95.0653, 0.3054,
0.3248

■ 68.3935, 0.4363,
0.4823

■ 97.0361, 0.3054,
0.3278

■ 66.7025, 0.4424,
0.4850

■ 97.7946, 0.3054,
0.3290

■ 65.9734, 0.4445,
0.4853

Harmonies

Analogous

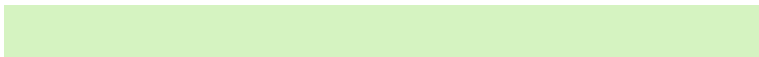
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8075, 0.3729, 0.3710



81.8075, 0.3532, 0.3852



81.8075, 0.3232, 0.3836

Triad

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



81.8075, 0.3532, 0.3852



81.8075, 0.2534, 0.3055



81.8075, 0.3325, 0.2967

Complementary

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



81.8075, 0.3532, 0.3852



52.6934, 0.2695, 0.2658

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.



81.8075, 0.2997, 0.2808



81.8075, 0.3532, 0.3852



81.8075, 0.2554, 0.2845

Square

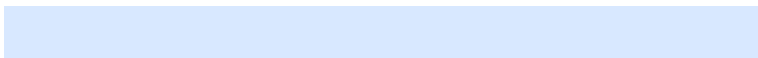
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.8075, 0.3532, 0.3852



81.8075, 0.2662, 0.3352



81.8075, 0.2719, 0.2761



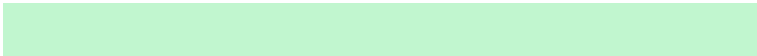
81.8075, 0.3609, 0.3204

Rectangle

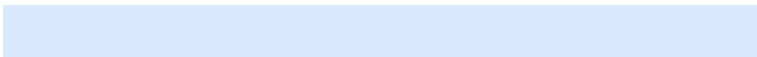
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.8075, 0.3532, 0.3852



81.8075, 0.3016, 0.3728



81.8075, 0.2719, 0.2761



81.8075, 0.3215, 0.2903

Sweetspot

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



81.8112, 0.3532, 0.3852



97.0881, 0.3249, 0.3462



55.7929, 0.3598, 0.3202



20.6674, 0.3272, 0.3495



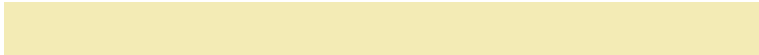
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



81.8112, 0.3532, 0.3852



89.5801, 0.3625, 0.3976



82.6954, 0.3354, 0.3963



18.9275, 0.3272, 0.3494



36.3496, 0.4440, 0.4857



3.2944, 0.4405, 0.4885

Inverse Universe

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



52.6934, 0.2695, 0.2658



51.6228, 0.2587, 0.2495



52.3239, 0.2852, 0.2594



16.2710, 0.2979, 0.3077



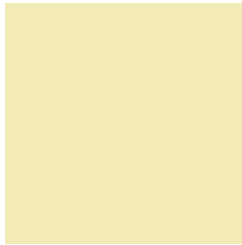
4.2050, 0.1527, 0.0698



0.4763, 0.1575, 0.0870

Previews

White Background



This preview shows how the Yxy color 81.8075, 0.3532, 0.3852 looks on a white background.

Color Contrast Check

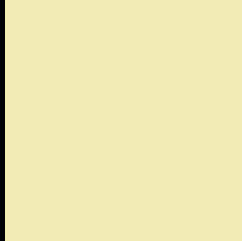
Large Text (above 18pt) WCAG AA × Fail

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 81.8075, 0.3532, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

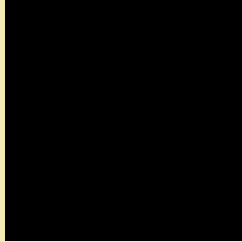
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

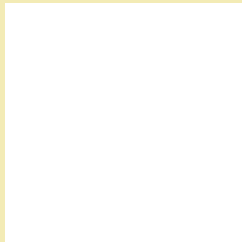
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.8075, 0.3532, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 81.8075, 0.3532, 0.3852.

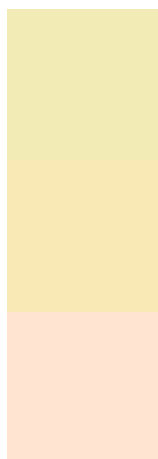


This preview shows how white text looks on a background with the Yxy color 81.8075, 0.3532, 0.3852.

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

81.8075, 0.3532, 0.3852

Protanopia

81.7129, 0.3588, 0.3835

Deuteranopia

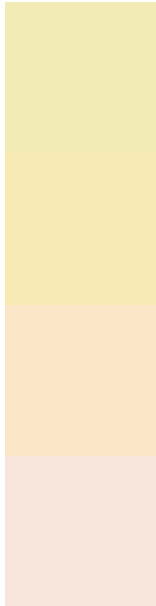
81.9021, 0.3444, 0.3492



Tritanopia

81.9791, 0.3183, 0.3122

Trichromacy



Original Color

81.8075, 0.3532, 0.3852

Protanomaly

81.9151, 0.3570, 0.3847

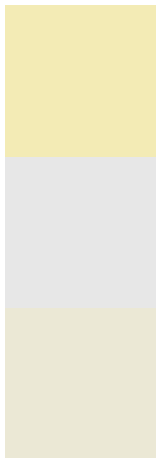
Deuteranomaly

81.7846, 0.3479, 0.3617

Tritanomaly

81.7705, 0.3311, 0.3382

Monochromacy



Original Color

81.8075, 0.3532, 0.3852

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.1795, 0.3270, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.8075, 0.3532, 0.3852 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(243, 235, 181)` looks like.

```
.text, #text, p{  
    color:rgb(243, 235, 181)  
}
```

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(243, 235, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 235, 181) }
```

Border

The CSS property to change the border of an element to Yxy 81.8075, 0.3532, 0.3852 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(243, 235, 181) }
```

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

```
.border{ border-color:rgb(243, 235, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 235, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 235, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 235, 181); box-shadow:4px 4px 4px 4px rgb(243, 235, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 81.8075, 0.3532, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 235, 181) }
```

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

```
.background{ background-color: rgb(243,  
235, 181) }
```

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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