

Converting Colors

$Yxy(79.3388, 0.3480, 0.3579)$

Have a look what the booklet for
Yxy(79.3388, 0.3480, 0.3579)
contains.

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Color

Yxy(79.3857, 0.3480, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	FAE3C7
RGB	250, 227, 199
RGB Percent	98%, 89%, 78%
CMY	0.0194, 0.1098, 0.2197
CMYK	0.00, 0.09, 0.20, 0.02
HSL	33°, 84%, 88%
HSV	33°, 20%, 98%
XYZ	77.2114, 79.3857, 65.2747
YIQ	230.6850, 22.6960, -3.8320

Conversions

Conversions Part 2

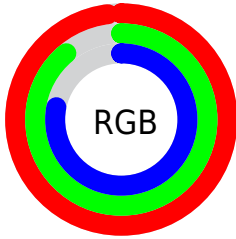
Format	Color
R _Y B	241, 250, 199
Decimal	16442311
CIE Lab	91.41, 3.57, 16.55
CIE LCh	91, 16.928, 77.835
Yxy	79.3857, 0.3480, 0.3578
Android (android.graphics.Color)	4294632391 (0xFFFAE3C7)
YUV	230.6850, -15.6207, 16.9393
Hunter-Lab	89.0987, -1.2376, 18.9325

Details

The Yxy color **79.3857, 0.3480, 0.3578** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.3031, 0.2801, 0.2984**, and the grayscale version is **79.7749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8868, 0.3559, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **72.3487, 0.3686, 0.3727**, and if you desaturate by 10%, it is **87.0254, 0.3296, 0.3433**.

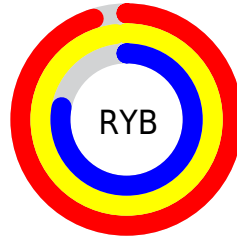
Distribution



Red (98%)

Green (89%)

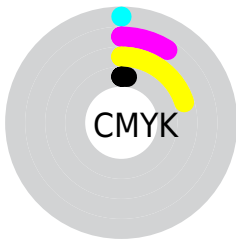
Blue (78%)



Red (95%)

Yellow (98%)

Blue (78%)

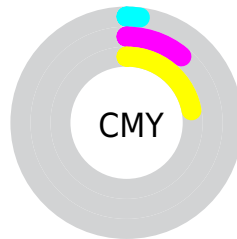


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (11%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3857, 0.3480, 0.3578 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 79.3857, 0.3480, 0.3578 by changing the saturation by 10% instead.

 79.3857, 0.3480,
0.3578

 79.3857, 0.3480,
0.3578


492.8602, 0.3319,
0.3448

 59.2130, 0.3516,
0.3607


132.5017, 0.3424,
0.3534

 42.7846, 0.3561,
0.3642


166.2138, 0.3403,
0.3516

 29.7161, 0.3617,
0.3686


205.2078, 0.3384,
0.3501

 19.6232, 0.3689,
0.3742

249.8681, 0.3368,
0.3488

 12.1215, 0.3785,
0.3815

300.5791, 0.3353,
0.3476

 6.8265, 0.3921,
0.3916

357.7252, 0.3340,

 3.3538, 0.4122,

0.3466

0.4061

421.6907, 0.3329,
0.3457

■ 1.3191, 0.4714,
0.4536

■ 0.1559, 0.6014,
0.3986

■ 79.3857, 0.3480,
0.3578

■ 79.3857, 0.3480,
0.3578

■ 72.3487, 0.3686,
0.3727

■ 87.0254, 0.3296,
0.3433

■ 65.8867, 0.3913,
0.3874

■ 95.2733, 0.3134,
0.3296

■ 59.9853, 0.4158,
0.4012

■ 99.0717, 0.3097,
0.3290

■ 54.6252, 0.4414,
0.4130

■ 49.7857, 0.4670,
0.4215

■ 45.4437, 0.4910,
0.4255

■ 41.5732, 0.5121,
0.4242

■ 38.2727, 0.5290,
0.4182

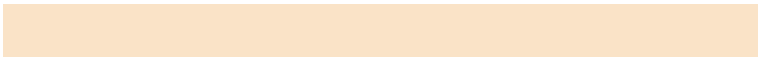
Harmonies

Analogous

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



79.3857, 0.3520, 0.3443



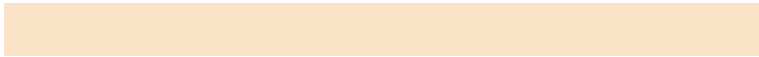
79.3857, 0.3480, 0.3578



79.3857, 0.3344, 0.3640

Triad

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



79.3857, 0.3480, 0.3578



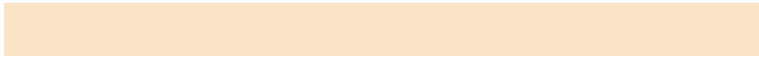
79.3857, 0.2814, 0.3292



79.3857, 0.3091, 0.3001

Complementary

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



79.3857, 0.3480, 0.3578



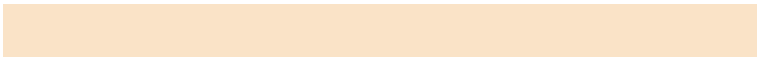
71.3031, 0.2801, 0.2984

Split Complementary

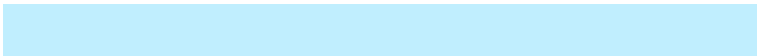
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3857, 0.2906, 0.2957



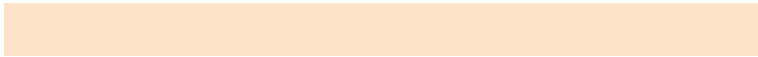
79.3857, 0.3480, 0.3578



79.3857, 0.2750, 0.3118

Square

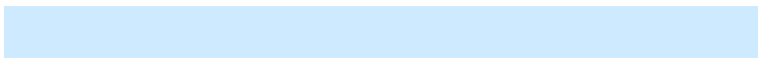
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3857, 0.3480, 0.3578



79.3857, 0.2960, 0.3473



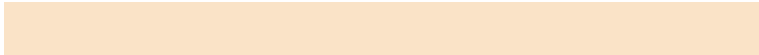
79.3857, 0.2784, 0.2997



79.3857, 0.3291, 0.3116

Rectangle

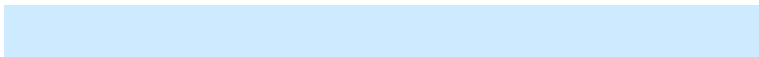
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3857, 0.3480, 0.3578



79.3857, 0.3220, 0.3626



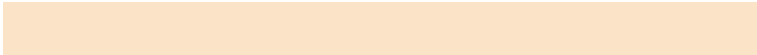
79.3857, 0.2784, 0.2997



79.3857, 0.3025, 0.2978

Sweetspot

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



79.3893, 0.3480, 0.3578



94.7259, 0.3222, 0.3371



66.4880, 0.3351, 0.3046



20.1554, 0.3233, 0.3381



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.



79.3893, 0.3480, 0.3578



79.5471, 0.3572, 0.3646



92.5384, 0.3424, 0.3802



18.8038, 0.3280, 0.3420



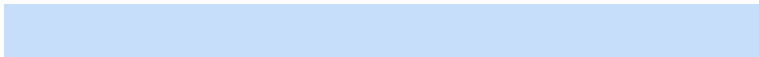
20.5852, 0.5267, 0.4200



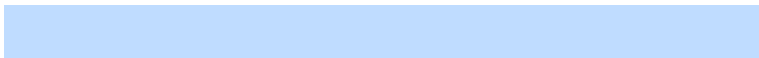
2.1184, 0.5103, 0.4330

Inverse Universe

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



71.3031, 0.2801, 0.2984



69.5290, 0.2724, 0.2905



60.1174, 0.2796, 0.2725



17.9333, 0.2979, 0.3156



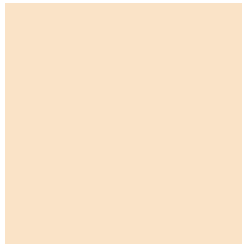
10.1861, 0.1727, 0.1417



1.1519, 0.1790, 0.1644

Previews

White Background



This preview shows how the Yxy color 79.3857, 0.3480, 0.3578 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 79.3857, 0.3480, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

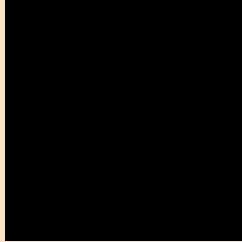
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

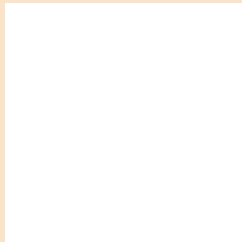
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3857, 0.3480, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 79.3857, 0.3480, 0.3578.



This preview shows how white text looks on a background with the Yxy color 79.3857, 0.3480, 0.3578.

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

79.3857, 0.3480, 0.3578

Protanopia

79.4645, 0.3401, 0.3604

Deuteranopia

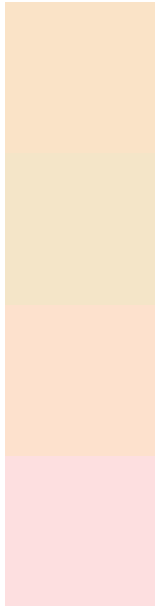
79.1748, 0.3452, 0.3442



Tritanopia

79.2049, 0.3249, 0.3113

Trichromacy



Original Color

79.3857, 0.3480, 0.3578

Protanomaly

79.4419, 0.3425, 0.3592

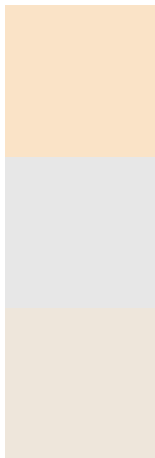
Deuteranomaly

79.1409, 0.3464, 0.3494

Tritanomaly

79.0398, 0.3335, 0.3281

Monochromacy



Original Color

79.3857, 0.3480, 0.3578

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.8852, 0.3254, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3857, 0.3480, 0.3578 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, 227, 199)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 199)  
}
```

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, 227, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 199) }
```

Border

The CSS property to change the border of an element to Yxy 79.3857, 0.3480, 0.3578 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, 227, 199) }
```

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

```
.border{ border-color:rgb(250, 227, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 227, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 199);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3857, 0.3480, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 199) }
```

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

```
.background{ background-color: rgb(250,  
227, 199) }
```

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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