

Converting Colors

$Yxy(78.0862, 0.3478, 0.3869)$

Have a look what the booklet for
Yxy(78.0862, 0.3478, 0.3869)
contains.

Yxy(78.0834, 0.3478, 0.3870)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.0834, 0.3478, 0.3870)

Conversions

Conversions Part 1

Format	Color
Hex	E8E8B2
RGB	232, 232, 178
RGB Percent	91%, 91%, 70%
CMY	0.0902, 0.0902, 0.3018
CMYK	0.00, 0.00, 0.23, 0.09
HSL	60°, 54%, 80%
HSV	60°, 23%, 91%
XYZ	70.1742, 78.0834, 53.5083
YIQ	225.8440, 17.3340, -16.7940

Conversions

Conversions Part 2

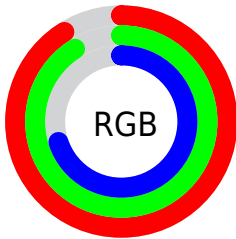
Format	Color
RYB	178, 232, 178
Decimal	15263922
CIELab	90.82, -8.51, 26.34
CIElCh	91, 27.683, 107.913
Yxy	78.0834, 0.3478, 0.3870
Android (android.graphics.Color)	4293454002 (0xFFE8E8B2)
YUV	225.8440, -23.5871, 5.3988
Hunter-Lab	88.3648, -12.8841, 25.9530

Details

The Yxy color **78.0834, 0.3478, 0.3870** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **47.1487, 0.2731, 0.2636**, and the grayscale version is **76.1028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **41.7614, 0.3557, 0.4000** is the 20% darker color. If you saturate the color by 10%, you get **77.2321, 0.3628, 0.4118**, and if you desaturate by 10%, it is **79.0993, 0.3325, 0.3618**.

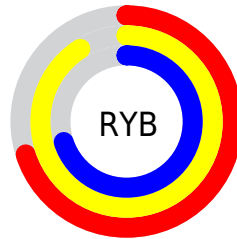
Distribution



Red (91%)

Green (91%)

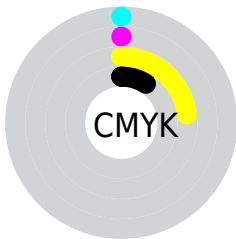
Blue (70%)



Red (70%)

Yellow (91%)

Blue (70%)

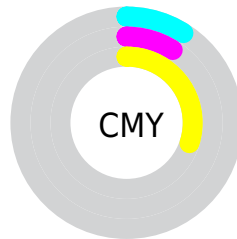


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (9%)



Cyan (9%)


Magenta (9%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.0834, 0.3478, 0.3870 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 78.0834, 0.3478, 0.3870 by changing the saturation by 10% instead.


 78.0834, 0.3478,
0.3870

 78.0834, 0.3478,
0.3870

488.4500, 0.3321,
0.3602

 58.1425, 0.3512,
0.3931


 130.6677, 0.3425,
0.3777

 41.9232, 0.3554,
0.4006


164.0798, 0.3404,
0.3741

 29.0412, 0.3604,
0.4100

202.7512, 0.3385,
0.3710

 19.1120, 0.3668,
0.4222

247.0662, 0.3369,
0.3682

 11.7512, 0.3748,
0.4385

297.4092, 0.3355,
0.3659

 6.5745, 0.3852,
0.4612

354.1645, 0.3343,

 3.1975, 0.3999,

0.3637

0.4964

417.7167, 0.3331,
0.3618

■ 1.2357, 0.4304,
0.5696

■ 0.0906, 0.0000,
1.0000

■ 78.0834, 0.3478,
0.3870

■ 78.0834, 0.3478,
0.3870

■ 77.2321, 0.3628,
0.4118

■ 79.0993, 0.3325,
0.3618

■ 76.5271, 0.3770,
0.4354


■ 80.2766, 0.3175,
0.3369

■ 75.9631, 0.3899,
0.4566


■ 81.6259, 0.3031,
0.3130

■ 75.5307, 0.4007,
0.4745

■ 82.0913, 0.2986,
0.3057

 75.2192, 0.4092,
0.4885


 82.0914, 0.2986,
0.3057


 75.0164, 0.4150,
0.4981


 82.0914, 0.2986,
0.3057

 74.9074, 0.4182,
0.5034

 82.0914, 0.2986,
0.3057

 74.8710, 0.4193,
0.5053

 82.0915, 0.2986,
0.3057

 82.0915, 0.2986,
0.3057

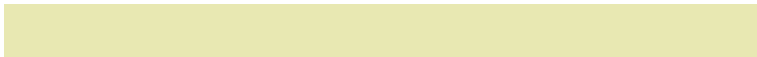
Harmonies

Analogous

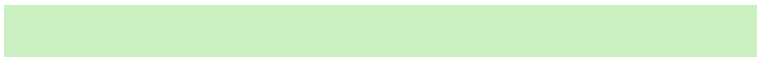
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0834, 0.3706, 0.3756



78.0834, 0.3478, 0.3870



78.0834, 0.3163, 0.3816

Triad

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



78.0834, 0.3478, 0.3870



78.0834, 0.2519, 0.2998



78.0834, 0.3395, 0.3009

Complementary

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



78.0834, 0.3478, 0.3870



47.1487, 0.2731, 0.2636

Split Complementary

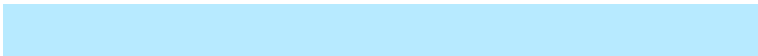
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0834, 0.3064, 0.2828



78.0834, 0.3478, 0.3870



78.0834, 0.2572, 0.2811

Square

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



78.0834, 0.3478, 0.3870



78.0834, 0.2617, 0.3286



78.0834, 0.2766, 0.2755



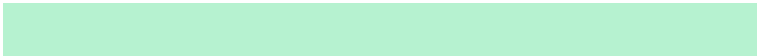
78.0834, 0.3661, 0.3260

Rectangle

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



78.0834, 0.3478, 0.3870



78.0834, 0.2948, 0.3684



78.0834, 0.2766, 0.2755



78.0834, 0.3287, 0.2939

Sweetspot

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



78.0869, 0.3478, 0.3870



98.9032, 0.3231, 0.3462



52.2255, 0.3608, 0.3291



21.1502, 0.3240, 0.3477



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.



78.0869, 0.3478, 0.3870



96.2238, 0.3552, 0.3992



73.9123, 0.3282, 0.3908



16.8172, 0.3268, 0.3522



41.5642, 0.4193, 0.5053



3.0715, 0.4193, 0.5053

Inverse Universe

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



47.1487, 0.2731, 0.2636



51.4761, 0.2635, 0.2476



50.6616, 0.2938, 0.2673



13.8872, 0.2980, 0.3047



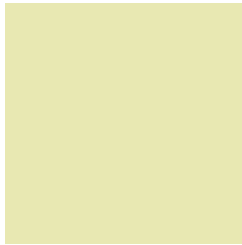
3.2345, 0.1500, 0.0600



0.2390, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 78.0834, 0.3478, 0.3870 looks on a white background.

Color Contrast Check

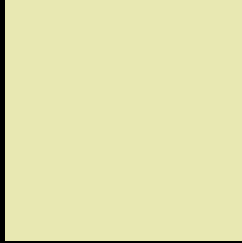
Large Text (above 18pt) WCAG AA × Fail

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 78.0834, 0.3478, 0.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

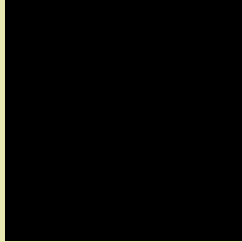
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

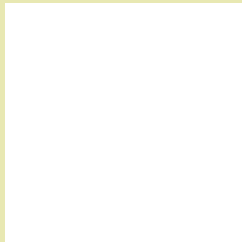
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0834, 0.3478, 0.3870

Background



This preview shows how black text looks on a background with the Yxy color 78.0834, 0.3478, 0.3870.

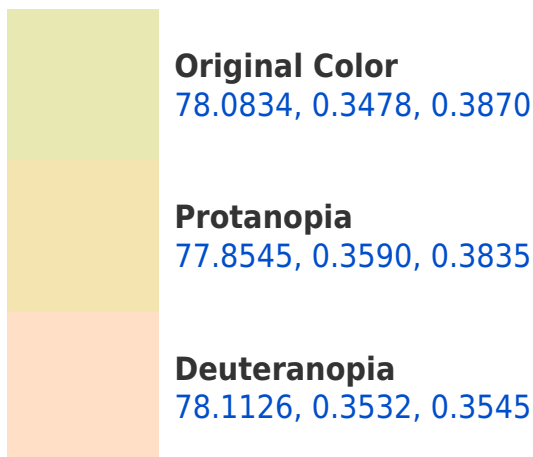


This preview shows how white text looks on a background with the Yxy color 78.0834, 0.3478, 0.3870.

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

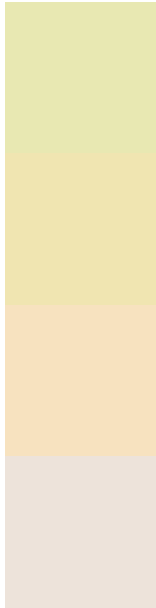




Tritanopia

78.1874, 0.3128, 0.3117

Trichromacy



Original Color

78.0834, 0.3478, 0.3870

Protanomaly

77.7382, 0.3551, 0.3840

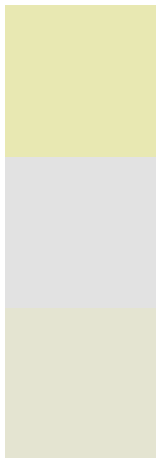
Deuteranomaly

77.9285, 0.3515, 0.3654

Tritanomaly

78.0047, 0.3256, 0.3384

Monochromacy



Original Color

78.0834, 0.3478, 0.3870

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.5842, 0.3251, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0834, 0.3478, 0.3870 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(232, 232, 178)` looks like.

```
.text, #text, p{  
    color:rgb(232, 232, 178)  
}
```

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(232, 232, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 178) }
```

Border

The CSS property to change the border of an element to Yxy 78.0834, 0.3478, 0.3870 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(232, 232, 178) }
```

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

```
.border{ border-color:rgb(232, 232, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 232, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 232, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 232, 178);  
box-shadow:4px 4px 4px 4px rgb(232, 232,  
178) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 78.0834, 0.3478, 0.3870$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 232, 178) }
```

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

```
.background{ background-color: rgb(232,  
232, 178) }
```

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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