

Converting Colors

$Yxy(35.8893, 0.3482, 0.3241)$

Have a look what the booklet for
Yxy(35.8893, 0.3482, 0.3241)
contains.

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Color

Yxy(35.8039, 0.3478, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	BE989C
RGB	190, 152, 156
RGB Percent	75%, 60%, 61%
CMY	0.2548, 0.4039, 0.3882
CMYK	0.00, 0.20, 0.18, 0.25
HSL	354°, 23%, 67%
HSV	354°, 20%, 75%
XYZ	38.4696, 35.8039, 36.3348
YIQ	163.8180, 21.3640, 9.3000

Conversions

Conversions Part 2

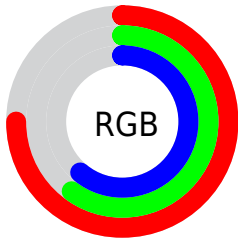
Format	Color
R_{YB}	190, 152, 156
Decimal	12490908
CIE _{Lab}	66.37, 14.81, 3.29
CIE _{LCh}	66, 15.173, 12.535
Yxy	35.8039, 0.3478, 0.3237
Android (android.graphics.Color)	4290680988 (0xFFBE989C)
YUV	163.8180, -3.8543, 22.9616
Hunter-Lab	59.8364, 10.0463, 5.8824

Details

The Yxy color **35.8039, 0.3478, 0.3237** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0610, 0.2859, 0.3344**, and the grayscale version is **37.0462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5699, 0.3415, 0.3249**, and **15.5615, 0.3588, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **29.5874, 0.3719, 0.3209**, and if you desaturate by 10%, it is **43.0925, 0.3284, 0.3264**.

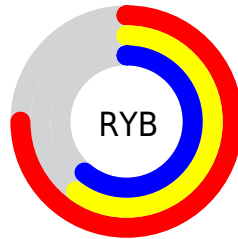
Distribution



Red (75%)

Green (60%)

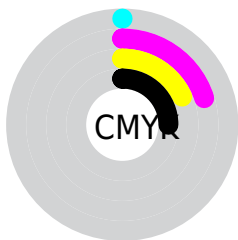
Blue (61%)



Red (75%)

Yellow (60%)

Blue (61%)

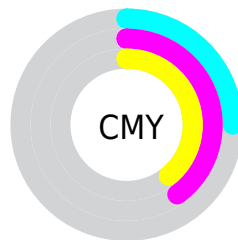


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.8039, 0.3478, 0.3237 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 35.8039, 0.3478, 0.3237 by changing the saturation by 10% instead.


 35.8039, 0.3478,
0.3237


 35.8039, 0.3478,
0.3237


328.1026, 0.3294,
0.3266

 24.2828, 0.3527,
0.3229


 68.7293, 0.3409,
0.3248

 15.5435, 0.3592,
0.3217


 90.9023, 0.3384,
0.3252

 9.2017, 0.3681,
0.3201


117.3948, 0.3363,
0.3256

 4.8730, 0.3814,
0.3176

148.5911, 0.3345,
0.3259

 2.1729, 0.4028,
0.3131

184.8757, 0.3329,
0.3261

 0.7052, 0.4571,
0.3080


226.6329, 0.3316,


 0.0000, 0.0000,

0.3263


0.0000


274.2470, 0.3304,
0.3265

 35.8039, 0.3478,
0.3237


 35.8039, 0.3478,
0.3237

 29.5874, 0.3719,
0.3209

 43.0925, 0.3284,
0.3264

 24.3878, 0.4014,
0.3181


 51.4954, 0.3127,
0.3290


 20.1524, 0.4369,
0.3158

 61.0582, 0.3001,
0.3314

 16.8218, 0.4779,
0.3142

 71.8228, 0.2899,
0.3335

 14.3299, 0.5224,
0.3140

 83.8289, 0.2816,
0.3354

■ 12.6019, 0.5660,
0.3156

■ 89.6911, 0.2752,
0.3289

■ 11.5493, 0.6027,
0.3192

■ 11.0016, 0.6279,
0.3233

Harmonies

Analogous

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



35.8039, 0.3278, 0.3060



35.8039, 0.3478, 0.3237



35.8039, 0.3581, 0.3433

Triad

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



35.8039, 0.3478, 0.3237



35.8039, 0.3198, 0.3674



35.8039, 0.2712, 0.2966

Complementary

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



35.8039, 0.3478, 0.3237



47.0610, 0.2859, 0.3344

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.



35.8039, 0.2694, 0.3119



35.8039, 0.3478, 0.3237



35.8039, 0.2968, 0.3538

Square

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



35.8039, 0.3478, 0.3237



35.8039, 0.3415, 0.3695



35.8039, 0.2785, 0.3330



35.8039, 0.2838, 0.2904

Rectangle

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



35.8039, 0.3478, 0.3237



35.8039, 0.3580, 0.3552



35.8039, 0.2785, 0.3330



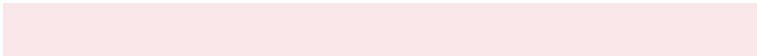
35.8039, 0.2694, 0.3008

Sweetspot

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



35.8055, 0.3478, 0.3237



83.7827, 0.3218, 0.3275



36.5614, 0.3108, 0.2793



18.1813, 0.3229, 0.3273



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



35.8055, 0.3478, 0.3237



59.7041, 0.3577, 0.3225



40.6994, 0.3481, 0.3486



9.5523, 0.3272, 0.3266



7.3186, 0.6259, 0.3222



0.2922, 0.5813, 0.2976

Inverse Universe

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



35.8055, 0.3478, 0.3237



59.7041, 0.3577, 0.3225



41.2289, 0.2819, 0.3086



9.5523, 0.3272, 0.3266



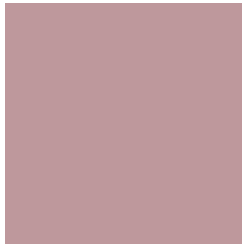
7.3186, 0.6259, 0.3222



0.2922, 0.5813, 0.2976

Previews

White Background



This preview shows how the Yxy color 35.8039, 0.3478, 0.3237 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 35.8039, 0.3478, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

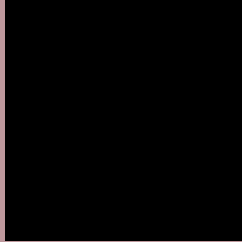
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8039, 0.3478, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 35.8039, 0.3478, 0.3237.



This preview shows how white text looks on a background with the Yxy color 35.8039, 0.3478, 0.3237.

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

35.8039, 0.3478, 0.3237

Protanopia

35.9555, 0.3156, 0.3290

Deuteranopia

35.8468, 0.3377, 0.3305



Tritanopia

35.8539, 0.3420, 0.3131

Trichromacy



Original Color

35.8039, 0.3478, 0.3237

Protanomaly

35.8412, 0.3265, 0.3276

Deuteranomaly

35.9996, 0.3419, 0.3291

Tritanomaly

35.7476, 0.3450, 0.3170

Monochromacy



Original Color

35.8039, 0.3478, 0.3237

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5991, 0.3244, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8039, 0.3478, 0.3237 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(190, 152, 156)` looks like.

```
.text, #text, p{  
    color:rgb(190, 152, 156)  
}
```

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(190, 152, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 152, 156) }
```

Border

The CSS property to change the border of an element to Yxy 35.8039, 0.3478, 0.3237 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(190, 152, 156) }
```

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

```
.border{ border-color:rgb(190, 152, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 152, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 152, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 152, 156);  
box-shadow:4px 4px 4px 4px rgb(190, 152,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8039, 0.3478, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 152, 156) }
```

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

```
.background{ background-color: rgb(190,  
152, 156) }
```

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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