

Converting Colors

$Y_{xy}(39.1295, 0.3548, 0.3729)$

Have a look what the booklet for
Yxy(39.1295, 0.3548, 0.3729)
contains.

Yxy(39.2105, 0.3548, 0.3735)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.2105, 0.3548, 0.3735)

Conversions

Conversions Part 1

Format	Color
Hex	B5A787
RGB	181, 167, 135
RGB Percent	71%, 65%, 53%
CMY	0.2902, 0.3451, 0.4706
CMYK	0.00, 0.08, 0.25, 0.29
HSL	42°, 24%, 62%
HSV	42°, 25%, 71%
XYZ	37.2474, 39.2105, 28.5234
YIQ	167.5380, 18.6160, -6.9840

Conversions

Conversions Part 2

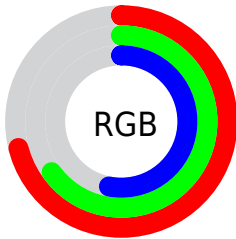
Format	Color
RYB	155, 181, 135
Decimal	11904903
CIELab	68.90, -0.07, 18.41
CIELCh	69, 18.415, 90.214
Yxy	39.2105, 0.3548, 0.3735
Android (android.graphics.Color)	4290094983 (0xFFB5A787)
YUV	167.5380, -16.0412, 11.8062
Hunter-Lab	62.6183, -3.4045, 16.8255

Details

The Yxy color **39.2105, 0.3548, 0.3735** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.9769, 0.2717, 0.2801**, and the grayscale version is **38.9935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8779, 0.3469, 0.3655**, and **17.5065, 0.3683, 0.3867** is the 20% darker color. If you saturate the color by 10%, you get **36.7705, 0.3737, 0.3916**, and if you desaturate by 10%, it is **41.8267, 0.3371, 0.3555**.

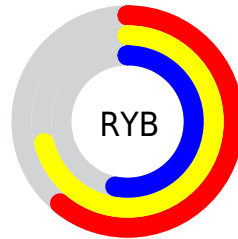
Distribution



Red (71%)

Green (65%)

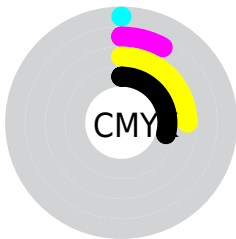
Blue (53%)



Red (61%)

Yellow (71%)

Blue (53%)

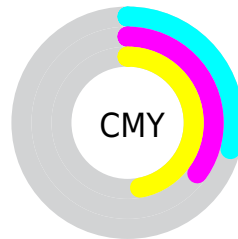


Cyan (0%)

Magenta (8%)

Yellow (25%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2105, 0.3548, 0.3735 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 39.2105, 0.3548, 0.3735 by changing the saturation by 10% instead.


 39.2105, 0.3548,
0.3735


 39.2105, 0.3548,
0.3735


342.7846, 0.3332,
0.3507


 26.9235, 0.3603,
0.3793


 73.9598, 0.3469,
0.3651

 17.5158, 0.3675,
0.3869


 97.1909, 0.3439,
0.3620

 10.6029, 0.3770,
0.3970


 124.8388, 0.3414,
0.3593

 5.8005, 0.3905,
0.4113

157.2879, 0.3393,
0.3571

 2.7242, 0.4103,
0.4323

194.9227, 0.3375,
0.3552

 0.9895, 0.4868,
0.5132

238.1275, 0.3359,

 0.0000, 0.0000,

0.3535

0.0000

287.2866, 0.3345,
0.3520

■ 39.2105, 0.3548,
0.3735

■ 39.2105, 0.3548,
0.3735

■ 36.7705, 0.3737,
0.3916

■ 41.8267, 0.3371,
0.3555

■ 34.4958, 0.3935,
0.4090

■ 44.6187, 0.3209,
0.3381

■ 32.3824, 0.4135,
0.4249

■ 47.5933, 0.3061,
0.3215

■ 30.4239, 0.4331,
0.4383

■ 50.7550, 0.2929,
0.3060

■ 28.6133, 0.4513,
0.4480

■ 54.1081, 0.2810,
0.2917

■ 26.9427, 0.4671,
0.4532

■ 57.6570, 0.2704,
0.2784

■ 25.4024, 0.4800,
0.4535

■ 60.9671, 0.2645,
0.2730

■ 24.7314, 0.4854,
0.4528

■ 63.6568, 0.2652,
0.2795

■ 66.4403, 0.2659,
0.2859

Harmonies

Analogous

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



39.2105, 0.3664, 0.3580



39.2105, 0.3548, 0.3735



39.2105, 0.3320, 0.3772

Triad

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



39.2105, 0.3548, 0.3735



39.2105, 0.2648, 0.3184



39.2105, 0.3191, 0.2953

Complementary

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



39.2105, 0.3548, 0.3735



29.9769, 0.2717, 0.2801

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.



39.2105, 0.2920, 0.2850



39.2105, 0.3548, 0.3735



39.2105, 0.2617, 0.2970

Square

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



39.2105, 0.3548, 0.3735



39.2105, 0.2803, 0.3443



39.2105, 0.2714, 0.2853



39.2105, 0.3454, 0.3136

Rectangle

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



39.2105, 0.3548, 0.3735



39.2105, 0.3138, 0.3716



39.2105, 0.2714, 0.2853



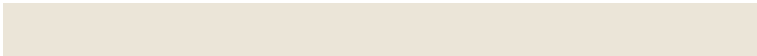
39.2105, 0.3097, 0.2908

Sweetspot

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



39.2123, 0.3548, 0.3735



78.5218, 0.3252, 0.3427



29.3373, 0.3490, 0.3085



16.8087, 0.3275, 0.3453



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.2123, 0.3548, 0.3735



67.5251, 0.3662, 0.3845



43.6315, 0.3426, 0.3931



9.4616, 0.3270, 0.3448



17.1758, 0.4843, 0.4536



0.6374, 0.4623, 0.4711

Inverse Universe

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



29.9769, 0.2717, 0.2801



47.9222, 0.2609, 0.2663



26.5397, 0.2777, 0.2595



8.6377, 0.2985, 0.3127



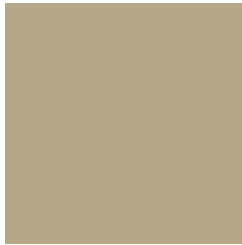
4.2962, 0.1620, 0.1031



0.2407, 0.1783, 0.1619

Previews

White Background



This preview shows how the Yxy color 39.2105, 0.3548, 0.3735 looks on a white background.

Color Contrast Check

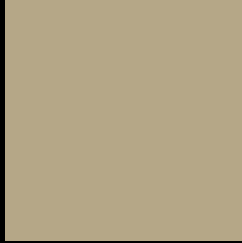
Large Text (above 18pt) WCAG AA × Fail

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 39.2105, 0.3548, 0.3735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

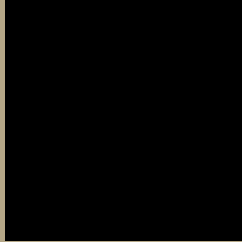
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2105, 0.3548, 0.3735

Background



This preview shows how black text looks on a background with the Yxy color 39.2105, 0.3548, 0.3735.



This preview shows how white text looks on a background with the Yxy color 39.2105, 0.3548, 0.3735.

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

39.2105, 0.3548, 0.3735

Protanopia

39.2195, 0.3515, 0.3753

Deuteranopia

39.2203, 0.3697, 0.3637



Tritanopia

39.3358, 0.3248, 0.3131

Trichromacy



Original Color

39.2105, 0.3548, 0.3735

Protanomaly

39.3382, 0.3525, 0.3751

Deuteranomaly

39.2756, 0.3639, 0.3669

Tritanomaly

39.2793, 0.3354, 0.3345

Monochromacy



Original Color

39.2105, 0.3548, 0.3735

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.2898, 0.3278, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2105, 0.3548, 0.3735 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(181, 167, 135)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 135)  
}
```

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(181, 167, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 135) }
```

Border

The CSS property to change the border of an element to Yxy 39.2105, 0.3548, 0.3735 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(181, 167, 135) }
```

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

```
.border{ border-color:rgb(181, 167, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 135);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2105, 0.3548, 0.3735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 135) }
```

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

```
.background{ background-color: rgb(181,  
167, 135) }
```

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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