

Converting Colors

$Yxy(39.7657, 0.3394, 0.3547)$

Have a look what the booklet for
Yxy(39.7657, 0.3394, 0.3547)
contains.

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Color

Yxy(39.7589, 0.3398, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	B3A895
RGB	179, 168, 149
RGB Percent	70%, 66%, 58%
CMY	0.2981, 0.3411, 0.4157
CMYK	0.00, 0.06, 0.17, 0.30
HSL	38°, 16%, 64%
HSV	38°, 17%, 70%
XYZ	38.0137, 39.7589, 34.0982
YIQ	169.1230, 12.6550, -3.5770

Conversions

Conversions Part 2

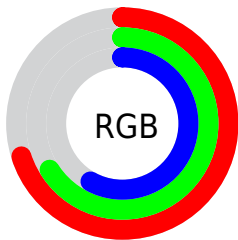
Format	Color
RYB	166, 179, 149
Decimal	11774101
CIELab	69.30, 0.73, 11.25
CIELCh	69, 11.271, 86.311
Yxy	39.7589, 0.3398, 0.3554
Android (android.graphics.Color)	4289964181 (0xFFB3A895)
YUV	169.1230, -9.9206, 8.6621
Hunter-Lab	63.0547, -2.7335, 12.0759

Details

The Yxy color **39.7589, 0.3398, 0.3554** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7688, 0.2866, 0.3011**, and the grayscale version is **39.7849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7493, 0.3348, 0.3504**, and **17.8082, 0.3484, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **36.8755, 0.3582, 0.3720**, and if you desaturate by 10%, it is **42.8553, 0.3231, 0.3394**.

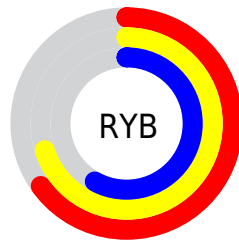
Distribution



Red (70%)

Green (66%)

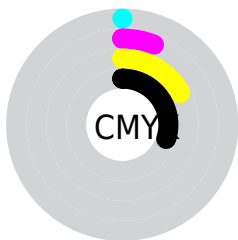
Blue (58%)



Red (65%)

Yellow (70%)

Blue (58%)

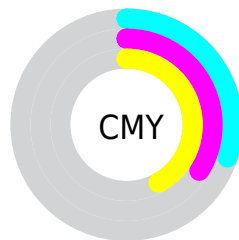


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (30%)



Cyan (30%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7589, 0.3398, 0.3554 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 39.7589, 0.3398, 0.3554 by changing the saturation by 10% instead.


 39.7589, 0.3398,
0.3554


 39.7589, 0.3398,
0.3554


345.1063, 0.3259,
0.3419

 27.3506, 0.3434,
0.3589


 74.7962, 0.3347,
0.3504

 17.8367, 0.3481,
0.3634


 98.1941, 0.3328,
0.3486

 10.8328, 0.3544,
0.3695


126.0239, 0.3312,
0.3470

 5.9545, 0.3635,
0.3782

158.6701, 0.3298,
0.3457

 2.8175, 0.3775,
0.3916

196.5170, 0.3286,
0.3445

 1.0372, 0.4230,
0.4363

239.9491, 0.3276,

 0.0000, 0.0000,

0.3435

0.0000

289.3507, 0.3267,
0.3427

■ 39.7589, 0.3398,
0.3554

■ 39.7589, 0.3398,
0.3554

■ 36.8755, 0.3582,
0.3720

■ 42.8553, 0.3231,
0.3394

■ 34.1942, 0.3782,
0.3886

■ 46.1650, 0.3080,
0.3242

■ 31.7105, 0.3995,
0.4045

■ 49.6950, 0.2946,
0.3099

■ 29.4179, 0.4214,
0.4189

■ 53.4502, 0.2827,
0.2968

■ 27.3094, 0.4431,
0.4308

■ 57.4354, 0.2721,
0.2846

■ 25.3771, 0.4637,
0.4388

■ 61.5664, 0.2635,
0.2749

■ 23.6122, 0.4819,
0.4422

■ 64.8101, 0.2644,
0.2826

■ 22.0033, 0.4971,
0.4407

■ 68.1870, 0.2652,
0.2902

■ 21.5089, 0.5019,
0.4397

■ 71.6985, 0.2661,
0.2977

Harmonies

Analogous

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



39.7589, 0.3456, 0.3456



39.7589, 0.3398, 0.3554



39.7589, 0.3268, 0.3582

Triad

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



39.7589, 0.3398, 0.3554



39.7589, 0.2840, 0.3249



39.7589, 0.3146, 0.3069

Complementary

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



39.7589, 0.3398, 0.3554



34.7688, 0.2866, 0.3011

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.



39.7589, 0.2982, 0.3013



39.7589, 0.3398, 0.3554



39.7589, 0.2809, 0.3112

Square

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



39.7589, 0.3398, 0.3554



39.7589, 0.2946, 0.3403



39.7589, 0.2861, 0.3027



39.7589, 0.3308, 0.3179

Rectangle

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



39.7589, 0.3398, 0.3554



39.7589, 0.3158, 0.3554



39.7589, 0.2861, 0.3027



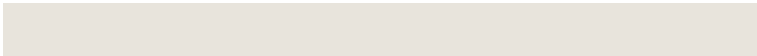
39.7589, 0.3089, 0.3043

Sweetspot

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



39.7607, 0.3398, 0.3554



77.7357, 0.3204, 0.3368



33.6097, 0.3330, 0.3137



17.1333, 0.3215, 0.3379



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.



39.7607, 0.3398, 0.3554



69.3339, 0.3462, 0.3613



43.5144, 0.3338, 0.3704



9.3736, 0.3272, 0.3434



15.3298, 0.5006, 0.4407



0.5888, 0.4726, 0.4629

Inverse Universe

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



34.7688, 0.2866, 0.3011



58.7526, 0.2807, 0.2945



31.5155, 0.2896, 0.2850



8.7222, 0.2985, 0.3142



5.1240, 0.1664, 0.1191



0.2748, 0.1828, 0.1781

Previews

White Background



This preview shows how the Yxy color 39.7589, 0.3398, 0.3554 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 39.7589, 0.3398, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

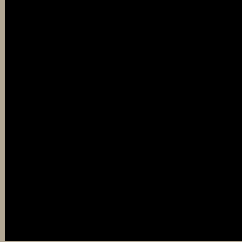
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7589, 0.3398, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 39.7589, 0.3398, 0.3554.



This preview shows how white text looks on a background with the Yxy color 39.7589, 0.3398, 0.3554.

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

39.7589, 0.3398, 0.3554

Protanopia

39.8930, 0.3377, 0.3569

Deuteranopia

39.7339, 0.3539, 0.3464



Tritanopia

39.7925, 0.3191, 0.3117

Trichromacy



Original Color

39.7589, 0.3398, 0.3554

Protanomaly

40.0108, 0.3386, 0.3568

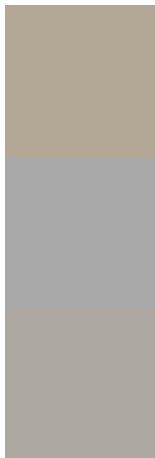
Deuteranomaly

39.8036, 0.3484, 0.3493

Tritanomaly

39.6454, 0.3270, 0.3263

Monochromacy



Original Color

39.7589, 0.3398, 0.3554

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.8688, 0.3224, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7589, 0.3398, 0.3554 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(179, 168, 149)` looks like.

```
.text, #text, p{  
    color:rgb(179, 168, 149)  
}
```

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(179, 168, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 168, 149) }
```

Border

The CSS property to change the border of an element to Yxy 39.7589, 0.3398, 0.3554 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(179, 168, 149) }
```

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

```
.border{ border-color:rgb(179, 168, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 168, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 168, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 168, 149);  
box-shadow:4px 4px 4px 4px rgb(179, 168,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7589, 0.3398, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 168, 149) }
```

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

```
.background{ background-color: rgb(179,  
168, 149) }
```

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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