

Converting Colors

Yxy(39.3444, 0.3444, 0.3661)

Have a look what the booklet for
Yxy(39.3444, 0.3444, 0.3661)
contains.

Yxy(39.3054, 0.3442, 0.3655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.3054, 0.3442, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	B1A88E
RGB	177, 168, 142
RGB Percent	69%, 66%, 56%
CMY	0.3059, 0.3411, 0.4432
CMYK	0.00, 0.05, 0.20, 0.31
HSL	45°, 18%, 63%
HSV	45°, 20%, 69%
XYZ	37.0148, 39.3054, 31.2185
YIQ	167.7270, 13.7100, -6.1780

Conversions

Conversions Part 2

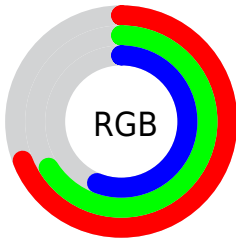
Format	Color
RYB	154, 177, 142
Decimal	11643022
CIELab	68.97, -1.13, 14.62
CIELCh	69, 14.666, 94.407
Yxy	39.3054, 0.3442, 0.3655
Android (android.graphics.Color)	4289833102 (0xFFB1A88E)
YUV	167.7270, -12.6834, 8.1324
Hunter-Lab	62.6940, -4.3273, 14.3624

Details

The Yxy color **39.3054, 0.3442, 0.3655** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0469, 0.2813, 0.2896**, and the grayscale version is **39.0754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0845, 0.3382, 0.3581**, and **17.5486, 0.3532, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **37.1683, 0.3619, 0.3847**, and if you desaturate by 10%, it is **41.5891, 0.3277, 0.3467**.

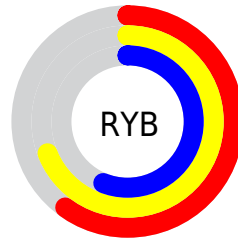
Distribution



Red (69%)

Green (66%)

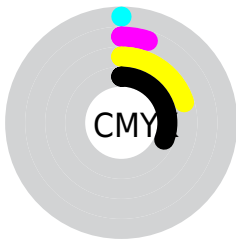
Blue (56%)



Red (60%)

Yellow (69%)

Blue (56%)

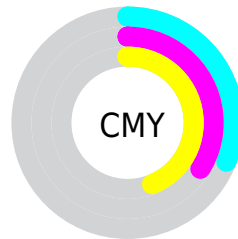


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (31%)



Cyan (31%)

Magenta (34%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3054, 0.3442, 0.3655 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 39.3054, 0.3442, 0.3655 by changing the saturation by 10% instead.


 39.3054, 0.3442,
0.3655


 39.3054, 0.3442,
0.3655


343.1872, 0.3281,
0.3467

 26.9974, 0.3483,
0.3704


 74.1046, 0.3382,
0.3585

 17.5713, 0.3537,
0.3767


 97.3646, 0.3360,
0.3560

 10.6426, 0.3610,
0.3853


 125.0441, 0.3342,
0.3538

 5.8271, 0.3713,
0.3975

157.5274, 0.3326,
0.3520

 2.7402, 0.3868,
0.4162

195.1990, 0.3312,
0.3504

 0.9977, 0.4651,
0.5050

238.4432, 0.3300,

 0.0000, 0.0000,

0.3490

0.0000

287.6445, 0.3290,
0.3478

■ 39.3054, 0.3442,
0.3655

■ 39.3054, 0.3442,
0.3655

■ 37.1683, 0.3619,
0.3847

■ 41.5891, 0.3277,
0.3467

■ 35.1679, 0.3803,
0.4035

■ 44.0184, 0.3124,
0.3286

■ 33.3011, 0.3991,
0.4213

■ 46.5991, 0.2985,
0.3116

■ 31.5627, 0.4176,
0.4371

■ 49.3352, 0.2859,
0.2957

■ 29.9467, 0.4349,
0.4498

■ 52.2302, 0.2746,
0.2810

■ 28.4466, 0.4502,
0.4584

■ 55.2877, 0.2645,
0.2675

■ 27.0548, 0.4628,
0.4625

■ 57.7906, 0.2613,
0.2659

■ 25.7563, 0.4729,
0.4625

■ 59.9244, 0.2619,
0.2713

■ 25.7290, 0.4732,
0.4625

■ 62.1213, 0.2625,
0.2766

Harmonies

Analogous

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



39.3054, 0.3548, 0.3546



39.3054, 0.3442, 0.3655



39.3054, 0.3253, 0.3666

Triad

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



39.3054, 0.3442, 0.3655



39.3054, 0.2734, 0.3181



39.3054, 0.3210, 0.3036

Complementary

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



39.3054, 0.3442, 0.3655



31.0469, 0.2813, 0.2896

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.



39.3054, 0.2991, 0.2943



39.3054, 0.3442, 0.3655



39.3054, 0.2722, 0.3018

Square

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



39.3054, 0.3442, 0.3655



39.3054, 0.2846, 0.3384



39.3054, 0.2815, 0.2934



39.3054, 0.3412, 0.3192

Rectangle

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



39.3054, 0.3442, 0.3655



39.3054, 0.3107, 0.3610



39.3054, 0.2815, 0.2934



39.3054, 0.3136, 0.2997

Sweetspot

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



39.3072, 0.3442, 0.3655



76.0578, 0.3219, 0.3399



30.9315, 0.3411, 0.3157



16.4242, 0.3229, 0.3411



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.3072, 0.3442, 0.3655



68.5966, 0.3522, 0.3744



41.8116, 0.3343, 0.3786



9.5299, 0.3269, 0.3458



18.7436, 0.4724, 0.4631



0.6772, 0.4547, 0.4771

Inverse Universe

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



31.0469, 0.2813, 0.2896



50.9388, 0.2732, 0.2791



29.0125, 0.2882, 0.2768



8.5731, 0.2985, 0.3116



3.7695, 0.1590, 0.0924



0.2145, 0.1746, 0.1487

Previews

White Background



This preview shows how the Yxy color 39.3054, 0.3442, 0.3655 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 39.3054, 0.3442, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

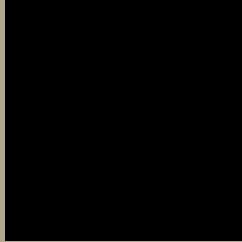
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

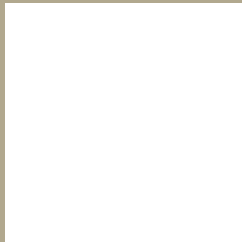
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3054, 0.3442, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 39.3054, 0.3442, 0.3655.



This preview shows how white text looks on a background with the Yxy color 39.3054, 0.3442, 0.3655.

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

39.3054, 0.3442, 0.3655

Protanopia

39.3054, 0.3442, 0.3655

Deuteranopia

39.1613, 0.3609, 0.3545



Tritanopia

39.1527, 0.3182, 0.3116

Trichromacy



Original Color

39.3054, 0.3442, 0.3655

Protanomaly

39.3054, 0.3442, 0.3655

Deuteranomaly

39.0989, 0.3543, 0.3577

Tritanomaly

39.2939, 0.3278, 0.3304

Monochromacy



Original Color

39.3054, 0.3442, 0.3655

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.1664, 0.3233, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3054, 0.3442, 0.3655 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(177, 168, 142)` looks like.

```
.text, #text, p{  
    color:rgb(177, 168, 142)  
}
```

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(177, 168, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 168, 142) }
```

Border

The CSS property to change the border of an element to Yxy 39.3054, 0.3442, 0.3655 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(177, 168, 142) }
```

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

```
.border{ border-color:rgb(177, 168, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 168, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 168, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 168, 142);  
box-shadow:4px 4px 4px 4px rgb(177, 168,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3054, 0.3442, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 168, 142) }
```

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

```
.background{ background-color: rgb(177,  
168, 142) }
```

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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