

Converting Colors

Yxy(39.4618, 0.3240, 0.3256)

Have a look what the booklet for
Yxy(39.4618, 0.3240, 0.3256)
contains.

Yxy(39.4407, 0.3242, 0.3250)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.4407, 0.3242, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	B4A5A8
RGB	180, 165, 168
RGB Percent	71%, 65%, 66%
CMY	0.2941, 0.3529, 0.3413
CMYK	0.00, 0.08, 0.07, 0.29
HSL	348°, 9%, 68%
HSV	348°, 8%, 71%
XYZ	39.3436, 39.4407, 42.5717
YIQ	169.8270, 7.9770, 4.1130

Conversions

Conversions Part 2

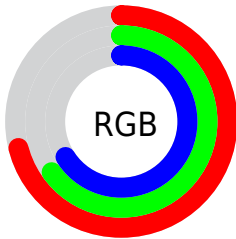
Format	Color
RYB	180, 165, 168
Decimal	11838888
CIELab	69.07, 5.96, 0.43
CIELCh	69, 5.971, 4.085
Yxy	39.4407, 0.3242, 0.3250
Android (android.graphics.Color)	4290028968 (0xFFB4A5A8)
YUV	169.8270, -0.9007, 8.9217
Hunter-Lab	62.8018, 1.9221, 3.7702

Details

The Yxy color **39.4407, 0.3242, 0.3250** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8192, 0.3023, 0.3330**, and the grayscale version is **40.1096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3470, 0.3222, 0.3259**, and **17.5832, 0.3276, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **32.8907, 0.3409, 0.3199**, and if you desaturate by 10%, it is **46.9679, 0.3106, 0.3298**.

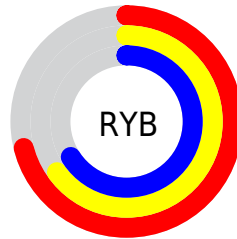
Distribution



Red (71%)

Green (65%)

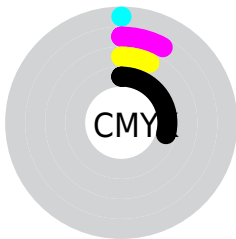
Blue (66%)



Red (71%)

Yellow (65%)

Blue (66%)

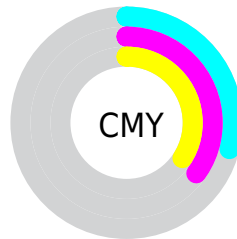


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4407, 0.3242, 0.3250 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 39.4407, 0.3242, 0.3250 by changing the saturation by 10% instead.

 39.4407, 0.3242,
0.3250


 39.4407, 0.3242,
0.3250

343.7605, 0.3183,
0.3271

 27.1027, 0.3257,
0.3245


 74.3111, 0.3220,
0.3258

 17.6504, 0.3277,
0.3237


 97.6123, 0.3212,
0.3261

 10.6993, 0.3305,
0.3228


125.3367, 0.3205,
0.3263

 5.8650, 0.3344,
0.3214

157.8687, 0.3199,
0.3265

 2.7632, 0.3406,
0.3192

195.5927, 0.3194,
0.3267

 1.0094, 0.3518,
0.3151

238.8930, 0.3190,

 0.0000, 1.0000,

0.3268

0.0000

288.1542, 0.3186,
0.3270

■ 0.0000, 0.0000,
0.0000

■ 39.4407, 0.3242,
0.3250

■ 39.4407, 0.3242,
0.3250

■ 32.8907, 0.3409,
0.3199

■ 46.9679, 0.3106,
0.3298

■ 27.2726, 0.3615,
0.3146

■ 55.5046, 0.2997,
0.3342

■ 22.5457, 0.3867,
0.3093

■ 65.0881, 0.2907,
0.3382

■ 18.6639, 0.4170,
0.3045

■ 75.7524, 0.2834,
0.3418

■ 15.5770, 0.4525,
0.3007

■ 87.5247, 0.2773,
0.3451

■ 13.2296, 0.4921,
0.2988

■ 88.4181, 0.2703,
0.3293

■ 11.5591, 0.5332,
0.2998

■ 88.4436, 0.2701,
0.3289

■ 10.4922, 0.5716,
0.3041

■ 9.9089, 0.6030,
0.3111

Harmonies

Analogous

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



39.4407, 0.3161, 0.3184



39.4407, 0.3242, 0.3250



39.4407, 0.3292, 0.3327

Triad

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



39.4407, 0.3242, 0.3250



39.4407, 0.3181, 0.3440



39.4407, 0.2960, 0.3181

Complementary

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



39.4407, 0.3242, 0.3250



43.8192, 0.3023, 0.3330

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.



39.4407, 0.2965, 0.3249



39.4407, 0.3242, 0.3250



39.4407, 0.3092, 0.3400

Square

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



39.4407, 0.3242, 0.3250



39.4407, 0.3256, 0.3438



39.4407, 0.3013, 0.3330



39.4407, 0.2999, 0.3144

Rectangle

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



39.4407, 0.3242, 0.3250



39.4407, 0.3301, 0.3375



39.4407, 0.3013, 0.3330



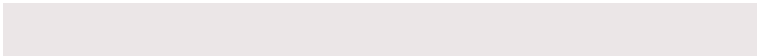
39.4407, 0.2956, 0.3201

Sweetspot

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



39.4424, 0.3242, 0.3250



79.8969, 0.3153, 0.3280



39.5555, 0.3109, 0.3088



17.3012, 0.3152, 0.3281



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.



39.4424, 0.3242, 0.3250



69.1989, 0.3270, 0.3241



40.9848, 0.3262, 0.3351



8.5319, 0.3257, 0.3245



6.8675, 0.6049, 0.3106



0.2241, 0.5313, 0.2700

Inverse Universe

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



39.4424, 0.3242, 0.3250



69.1989, 0.3270, 0.3241



42.1518, 0.3001, 0.3228



8.5319, 0.3257, 0.3245



6.8675, 0.6049, 0.3106



0.2241, 0.5313, 0.2700

Previews

White Background



This preview shows how the Yxy color 39.4407, 0.3242, 0.3250 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 39.4407, 0.3242, 0.3250 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 39.4407, 0.3242, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 39.4407, 0.3242, 0.3250.



This preview shows how white text looks on a background with the Yxy color 39.4407, 0.3242, 0.3250.

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

39.4407, 0.3242, 0.3250

Protanopia

39.5655, 0.3138, 0.3262

Deuteranopia

39.3358, 0.3292, 0.3223



Tritanopia

39.5490, 0.3173, 0.3116

Trichromacy



Original Color

39.4407, 0.3242, 0.3250

Protanomaly

39.5007, 0.3175, 0.3263

Deuteranomaly

39.4454, 0.3272, 0.3237

Tritanomaly

39.4307, 0.3199, 0.3156

Monochromacy



Original Color

39.4407, 0.3242, 0.3250

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.8685, 0.3174, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4407, 0.3242, 0.3250 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(180, 165, 168)` looks like.

```
.text, #text, p{  
    color:rgb(180, 165, 168)  
}
```

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(180, 165, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 165, 168) }
```

Border

The CSS property to change the border of an element to Yxy 39.4407, 0.3242, 0.3250 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(180, 165, 168) }
```

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

```
.border{ border-color:rgb(180, 165, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 165, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 165, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 165, 168);  
box-shadow:4px 4px 4px 4px rgb(180, 165,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4407, 0.3242, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 165, 168) }
```

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

```
.background{ background-color: rgb(180,  
165, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor