

Converting Colors

$Yxy(42.8531, 0.3649, 0.4025)$

Have a look what the booklet for
Yxy(42.8531, 0.3649, 0.4025)
contains.

Yxy(43.0398, 0.3655, 0.4033)	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(43.0398, 0.3655, 0.4033)

Conversions

Conversions Part 1

Format	Color
Hex	B8B17A
RGB	184, 177, 122
RGB Percent	72%, 69%, 48%
CMY	0.2784, 0.3059, 0.5214
CMYK	0.00, 0.04, 0.34, 0.28
HSL	53°, 30%, 60%
HSV	53°, 34%, 72%
XYZ	39.0058, 43.0398, 24.6734
YIQ	172.8230, 21.8270, -15.6210

Conversions

Conversions Part 2

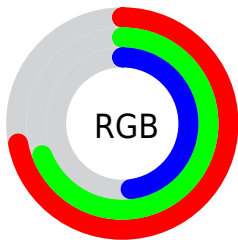
Format	Color
R _Y B	130, 184, 122
Decimal	12104058
CIE Lab	71.58, -5.94, 29.07
CIE LCh	72, 29.672, 101.557
Yxy	43.0398, 0.3655, 0.4033
Android (android.graphics.Color)	4290294138 (0xFFB8B17A)
YUV	172.8230, -25.0557, 9.8022
Hunter-Lab	65.6047, -8.6797, 23.6248

Details

The Yxy color **43.0398, 0.3655, 0.4033** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.3132, 0.2545, 0.2418**, and the grayscale version is **41.8189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0737, 0.3562, 0.3899**, and **19.8809, 0.3798, 0.4264** is the 20% darker color. If you saturate the color by 10%, you get **41.8115, 0.3815, 0.4246**, and if you desaturate by 10%, it is **44.3709, 0.3493, 0.3811**.

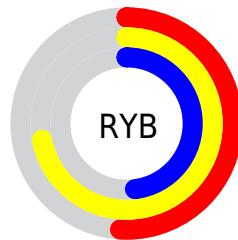
Distribution



Red (72%)

Green (69%)

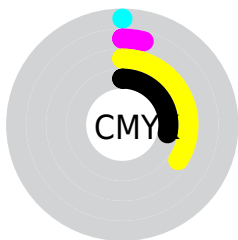
Blue (48%)



Red (51%)

Yellow (72%)

Blue (48%)

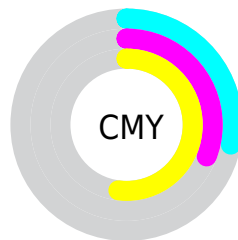


Cyan (0%)

Magenta (4%)

Yellow (34%)

Black (28%)



Cyan (28%)


Magenta (31%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0398, 0.3655, 0.4033 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 43.0398, 0.3655, 0.4033 by changing the saturation by 10% instead.


 43.0398, 0.3655,
0.4033


 43.0398, 0.3655,
0.4033


358.7754, 0.3394,
0.3655

 29.9163, 0.3718,
0.4128


 79.7709, 0.3562,
0.3895

 19.7751, 0.3796,
0.4249

 104.1474, 0.3526,
0.3843

 12.2317, 0.3895,
0.4407


 133.0436, 0.3496,
0.3800

 6.9017, 0.4023,
0.4623

166.8440, 0.3470,
0.3763

 3.4007, 0.4212,
0.4958

205.9330, 0.3447,
0.3730

 1.3443, 0.4490,
0.5510

250.6950, 0.3427,

 0.1751, 0.1086,

0.3702

0.8914

301.5143, 0.3410,
0.3677

0.0000, 0.0000,
0.0000

43.0398, 0.3655,
0.4033

43.0398, 0.3655,
0.4033

41.8115, 0.3815,
0.4246

44.3709, 0.3493,
0.3811

40.6753, 0.3967,
0.4441

45.8036, 0.3334,
0.3587

39.6276, 0.4104,
0.4608


47.3440, 0.3181,
0.3368

38.6624, 0.4221,
0.4739


48.9960, 0.3038,
0.3159

37.7727, 0.4312,
0.4826


50.7636, 0.2905,
0.2963

 36.9501, 0.4376,
0.4870

 52.6502, 0.2782,
0.2780

 36.4542, 0.4407,
0.4883

 54.6593, 0.2671,
0.2611

 55.8426, 0.2650,
0.2594

 56.7738, 0.2652,
0.2619

Harmonies

Analogous

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



43.0398, 0.3921, 0.3832



43.0398, 0.3655, 0.4033



43.0398, 0.3257, 0.4024

Triad

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



43.0398, 0.3655, 0.4033



43.0398, 0.2355, 0.2972



43.0398, 0.3385, 0.2870

Complementary

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



43.0398, 0.3655, 0.4033



23.3132, 0.2545, 0.2418

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.



43.0398, 0.2952, 0.2666



43.0398, 0.3655, 0.4033



43.0398, 0.2382, 0.2703

Square

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



43.0398, 0.3655, 0.4033



43.0398, 0.2516, 0.3367



43.0398, 0.2592, 0.2602



43.0398, 0.3766, 0.3172

Rectangle

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



43.0398, 0.3655, 0.4033



43.0398, 0.2975, 0.3880



43.0398, 0.2592, 0.2602



43.0398, 0.3239, 0.2789

Sweetspot

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



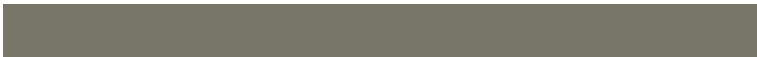
43.0418, 0.3655, 0.4033



83.9780, 0.3279, 0.3509



25.7105, 0.3809, 0.3189



18.0213, 0.3301, 0.3540



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.0418, 0.3655, 0.4033



76.4371, 0.3767, 0.4184



43.1918, 0.3408, 0.4181



10.3251, 0.3266, 0.3491



25.1855, 0.4404, 0.4885



0.9376, 0.4343, 0.4934

Inverse Universe

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



23.3132, 0.2545, 0.2418



35.5192, 0.2406, 0.2201



23.4796, 0.2761, 0.2363



8.8788, 0.2984, 0.3081



2.8049, 0.1526, 0.0693



0.1530, 0.1614, 0.1009

Previews

White Background



This preview shows how the Yxy color 43.0398, 0.3655, 0.4033 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 43.0398, 0.3655, 0.4033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

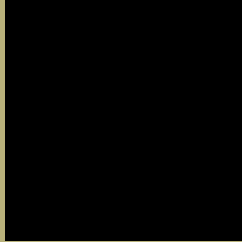
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0398, 0.3655, 0.4033

Background



This preview shows how black text looks on a background with the Yxy color 43.0398, 0.3655, 0.4033.



This preview shows how white text looks on a background with the Yxy color 43.0398, 0.3655, 0.4033.

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

43.0398, 0.3655, 0.4033

Protanopia

42.8592, 0.3720, 0.4010

Deuteranopia

43.0158, 0.3923, 0.3840



Tritanopia

42.8712, 0.3208, 0.3110

Trichromacy



Original Color

43.0398, 0.3655, 0.4033

Protanomaly

42.9959, 0.3697, 0.4027

Deuteranomaly

42.8352, 0.3829, 0.3909

Tritanomaly

42.7696, 0.3369, 0.3436

Monochromacy



Original Color

43.0398, 0.3655, 0.4033

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.9523, 0.3323, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0398, 0.3655, 0.4033 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(184, 177, 122)` looks like.

```
.text, #text, p{  
    color:rgb(184, 177, 122)  
}
```

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(184, 177, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 177, 122) }
```

Border

The CSS property to change the border of an element to Yxy 43.0398, 0.3655, 0.4033 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(184, 177, 122) }
```

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

```
.border{ border-color:rgb(184, 177, 122) }
```

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

Here you see how a box with a 4 pixel rgb(184, 177, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 177, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 177, 122);  
box-shadow:4px 4px 4px 4px rgb(184, 177,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0398, 0.3655, 0.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 177, 122) }
```

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

```
.background{ background-color: rgb(184,  
177, 122) }
```

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