

Converting Colors

$Yxy(44.9576, 0.3721, 0.4278)$

Have a look what the booklet for
Yxy(44.9576, 0.3721, 0.4278)
contains.

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Color

Yxy(45.0384, 0.3723, 0.4275)

Conversions

Conversions Part 1

Format	Color
Hex	B7B76D
RGB	183, 183, 109
RGB Percent	72%, 72%, 43%
CMY	0.2823, 0.2823, 0.5726
CMYK	0.00, 0.00, 0.40, 0.28
HSL	60°, 34%, 57%
HSV	60°, 40%, 72%
XYZ	39.2229, 45.0384, 21.0917
YIQ	174.5640, 23.7540, -23.0140

Conversions

Conversions Part 2

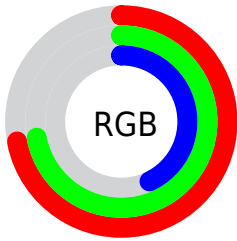
Format	Color
RYB	109, 183, 109
Decimal	12040045
CIELab	72.92, -11.01, 37.58
CIElCh	73, 39.164, 106.330
Yxy	45.0384, 0.3723, 0.4275
Android (android.graphics.Color)	4290230125 (0xFFB7B76D)
YUV	174.5640, -32.3231, 7.3984
Hunter-Lab	67.1107, -13.1191, 28.3437

Details

The Yxy color **45.0384, 0.3723, 0.4275** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **17.6064, 0.2389, 0.2070**, and the grayscale version is **42.7946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8669, 0.3621, 0.4092**, and **20.9482, 0.3874, 0.4552** is the 20% darker color. If you saturate the color by 10%, you get **44.6863, 0.3855, 0.4493**, and if you desaturate by 10%, it is **45.4767, 0.3580, 0.4038**.

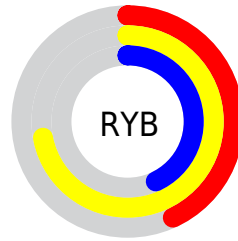
Distribution



Red (72%)

Green (72%)

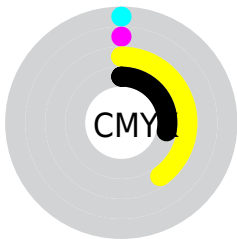
Blue (43%)



Red (43%)

Yellow (72%)

Blue (43%)

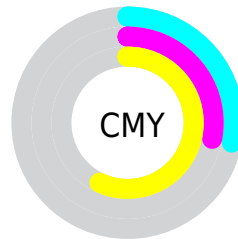


Cyan (0%)

Magenta (0%)

Yellow (40%)

Black (28%)



Cyan (28%)


Magenta (28%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0384, 0.3723, 0.4275 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 45.0384, 0.3723, 0.4275 by changing the saturation by 10% instead.


 45.0384, 0.3723,
0.4275

 45.0384, 0.3723,
0.4275


366.9291, 0.3438,
0.3777

 31.4877, 0.3787,
0.4398


 82.7780, 0.3624,
0.4094


 20.9705, 0.3863,
0.4552


 107.7357, 0.3586,
0.4026

 13.1024, 0.3954,
0.4752


 137.2645, 0.3552,
0.3969

 7.4991, 0.4057,
0.5013

 171.7488, 0.3523,
0.3919

 3.7762, 0.4281,
0.5522

211.5731, 0.3498,
0.3877

 1.5492, 0.4187,
0.5813

257.1216, 0.3476,

 0.3229, 0.1056,

0.3839

0.8944

308.7788, 0.3456,
0.3806

0.0000, 0.0000,
0.0000

45.0384, 0.3723,
0.4275

45.0384, 0.3723,
0.4275

44.6863, 0.3855,
0.4493

45.4767, 0.3580,
0.4038

44.4091, 0.3969,
0.4682

45.9996, 0.3430,
0.3791

44.2030, 0.4062,
0.4836


46.6137, 0.3280,
0.3543


44.0617, 0.4130,
0.4947

47.3228, 0.3134,
0.3301


43.9774, 0.4172,
0.5017

48.1309, 0.2993,
0.3069

 43.9352, 0.4193,
0.5053

 49.0415, 0.2862,
0.2851

 50.0581, 0.2740,
0.2649

 51.1581, 0.2630,
0.2468

 51.1584, 0.2630,
0.2468

Harmonies

Analogous

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



45.0384, 0.4111, 0.4026



45.0384, 0.3723, 0.4275



45.0384, 0.3194, 0.4232

Triad

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



45.0384, 0.3723, 0.4275



45.0384, 0.2135, 0.2798



45.0384, 0.3546, 0.2808

Complementary

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



45.0384, 0.3723, 0.4275



17.6064, 0.2389, 0.2070

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.



45.0384, 0.2980, 0.2532



45.0384, 0.3723, 0.4275



45.0384, 0.2208, 0.2499

Square

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



45.0384, 0.3723, 0.4275



45.0384, 0.2295, 0.3292



45.0384, 0.2501, 0.2417



45.0384, 0.4022, 0.3196

Rectangle

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



45.0384, 0.3723, 0.4275



45.0384, 0.2837, 0.4008



45.0384, 0.2501, 0.2417



45.0384, 0.3357, 0.2701

Sweetspot

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



45.0405, 0.3723, 0.4275



83.2734, 0.3306, 0.3586



22.1347, 0.4117, 0.3275



18.3598, 0.3326, 0.3618



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.



45.0405, 0.3723, 0.4275



80.0629, 0.3847, 0.4480



41.1980, 0.3390, 0.4396



10.5033, 0.3264, 0.3516



30.6478, 0.4193, 0.5053



1.0804, 0.4193, 0.5053

Inverse Universe

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



17.6064, 0.2389, 0.2070



23.8468, 0.2189, 0.1739



20.3536, 0.2747, 0.2180



8.7195, 0.2984, 0.3054



2.3852, 0.1500, 0.0600



0.0841, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 45.0384, 0.3723, 0.4275 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 45.0384, 0.3723, 0.4275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

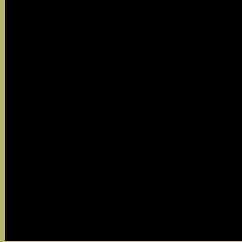
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0384, 0.3723, 0.4275

Background



This preview shows how black text looks on a background with the Yxy color 45.0384, 0.3723, 0.4275.



This preview shows how white text looks on a background with the Yxy color 45.0384, 0.3723, 0.4275.

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

45.0384, 0.3723, 0.4275

Protanopia

45.0375, 0.3882, 0.4210

Deuteranopia

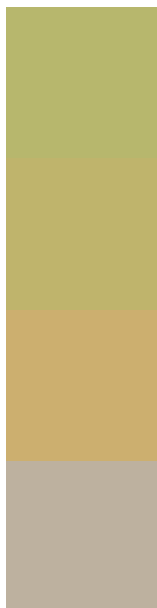
44.8946, 0.4080, 0.3998



Tritanopia

45.0664, 0.3179, 0.3125

Trichromacy



Original Color

45.0384, 0.3723, 0.4275

Protanomaly

44.8016, 0.3822, 0.4226

Deuteranomaly

44.6450, 0.3949, 0.4091

Tritanomaly

44.7663, 0.3386, 0.3527

Monochromacy



Original Color

45.0384, 0.3723, 0.4275

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.5401, 0.3350, 0.3659

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0384, 0.3723, 0.4275 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(183, 183, 109)` looks like.

```
.text, #text, p{  
    color:rgb(183, 183, 109)  
}
```

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(183, 183, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 183, 109) }
```

Border

The CSS property to change the border of an element to Yxy 45.0384, 0.3723, 0.4275 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(183, 183, 109) }
```

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

```
.border{ border-color:rgb(183, 183, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 183, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 183, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 183, 109);  
box-shadow:4px 4px 4px 4px rgb(183, 183,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0384, 0.3723, 0.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 183, 109) }
```

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

```
.background{ background-color: rgb(183,  
183, 109) }
```

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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