

Converting Colors

$Y_{xy}(45.2201, 0.3472, 0.3769)$

Have a look what the booklet for
Yxy(45.2201, 0.3472, 0.3769)
contains.

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Color

Yxy(45.0952, 0.3479, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	BAB490
RGB	186, 180, 144
RGB Percent	73%, 71%, 56%
CMY	0.2706, 0.2941, 0.4354
CMYK	0.00, 0.03, 0.23, 0.27
HSL	51°, 23%, 65%
HSV	51°, 23%, 73%
XYZ	41.6033, 45.0952, 32.8857
YIQ	177.6900, 15.1320, -9.9240

Conversions

Conversions Part 2

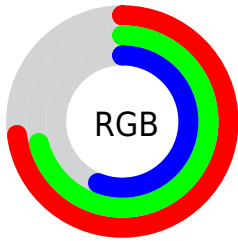
Format	Color
R_{YB}	151, 186, 144
Decimal	12235920
CIE _{Lab}	72.95, -3.79, 19.18
CIE _{LCh}	73, 19.553, 101.175
Yxy	45.0952, 0.3479, 0.3771
Android (android.graphics.Color)	4290426000 (0xFFBAB490)
YUV	177.6900, -16.6092, 7.2879
Hunter-Lab	67.1530, -6.9314, 17.9720

Details

The Yxy color $45.0952, 0.3479, 0.3771$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $31.2744, 0.2757, 0.2758$, and the grayscale version is $44.4318, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.9454, 0.3411, 0.3684$, and $20.8746, 0.3578, 0.3914$ is the 20% darker color. If you saturate the color by 10%, you get $43.5137, 0.3645, 0.3988$, and if you desaturate by 10%, it is $46.7950, 0.3318, 0.3554$.

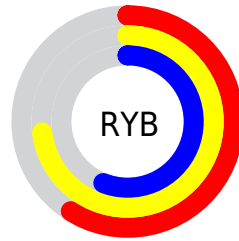
Distribution



Red (73%)

Green (71%)

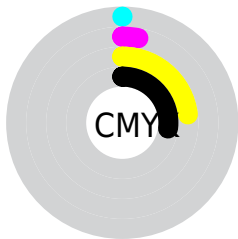
Blue (56%)



Red (59%)

Yellow (73%)

Blue (56%)

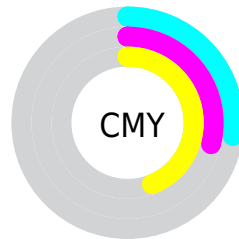


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (27%)



Cyan (27%)


Magenta (29%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0952, 0.3479, 0.3771 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 45.0952, 0.3479, 0.3771 by changing the saturation by 10% instead.

 45.0952, 0.3479,
0.3771

 45.0952, 0.3479,
0.3771


367.1590, 0.3304,
0.3528

 31.5324, 0.3522,
0.3832


 82.8633, 0.3416,
0.3682

 21.0046, 0.3577,
0.3911


 107.8373, 0.3392,
0.3649

 13.1274, 0.3649,
0.4016


137.3839, 0.3372,
0.3621

 7.5163, 0.3747,
0.4162


171.8875, 0.3354,
0.3597

 3.7870, 0.3885,
0.4377

211.7324, 0.3339,
0.3576

 1.5552, 0.4315,
0.4979

257.3030, 0.3326,

 0.3271, 0.4004,

0.3558

0.5996

308.9837, 0.3314,
0.3542

0.0000, 0.0000,
0.0000

45.0952, 0.3479,
0.3771

45.0952, 0.3479,
0.3771

43.5137, 0.3645,
0.3988

46.7950, 0.3318,
0.3554

42.0396, 0.3811,
0.4198

48.6113, 0.3165,
0.3343

40.6700, 0.3971,
0.4390

50.5504, 0.3023,
0.3142

39.3992, 0.4118,
0.4557

52.6160, 0.2891,
0.2954

38.2211, 0.4247,
0.4688

54.8120, 0.2771,
0.2778

■ 37.1285, 0.4350,
0.4778

■ 57.1048, 0.2665,
0.2623

■ 36.1129, 0.4426,
0.4822

■ 58.3116, 0.2668,
0.2654

■ 35.3982, 0.4469,
0.4833

■ 59.5397, 0.2671,
0.2685

■ 60.7892, 0.2674,
0.2716

Harmonies

Analogous

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



45.0952, 0.3645, 0.3652



45.0952, 0.3479, 0.3771



45.0952, 0.3222, 0.3756

Triad

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



45.0952, 0.3479, 0.3771



45.0952, 0.2615, 0.3094



45.0952, 0.3294, 0.3009

Complementary

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



45.0952, 0.3479, 0.3771



31.2744, 0.2757, 0.2758

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.



45.0952, 0.3013, 0.2871



45.0952, 0.3479, 0.3771



45.0952, 0.2631, 0.2910

Square

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



45.0952, 0.3479, 0.3771



45.0952, 0.2729, 0.3349



45.0952, 0.2774, 0.2833



45.0952, 0.3538, 0.3215

Rectangle

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



45.0952, 0.3479, 0.3771



45.0952, 0.3037, 0.3665



45.0952, 0.2774, 0.2833



45.0952, 0.3200, 0.2953

Sweetspot

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



45.0972, 0.3479, 0.3771



86.5947, 0.3233, 0.3438



32.5885, 0.3514, 0.3204



19.0258, 0.3242, 0.3450



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



45.0972, 0.3479, 0.3771



80.3227, 0.3559, 0.3877



45.8217, 0.3332, 0.3870



10.2791, 0.3267, 0.3484



23.8981, 0.4465, 0.4837



0.9029, 0.4385, 0.4900

Inverse Universe

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



31.2744, 0.2757, 0.2758



50.9445, 0.2668, 0.2626



30.8221, 0.2887, 0.2691



8.9207, 0.2984, 0.3088



2.9660, 0.1536, 0.0728



0.1709, 0.1641, 0.1106

Previews

White Background



This preview shows how the Yxy color 45.0952, 0.3479, 0.3771 looks on a white background.

Color Contrast Check

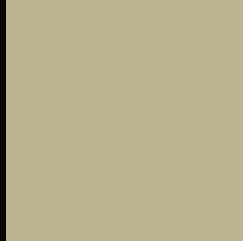
Large Text (above 18pt) WCAG AA × Fail

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 45.0952, 0.3479, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

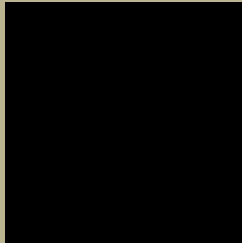
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

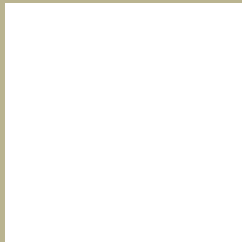
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0952, 0.3479, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 45.0952, 0.3479, 0.3771.



This preview shows how white text looks on a background with the Yxy color 45.0952, 0.3479, 0.3771.

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

45.0952, 0.3479, 0.3771

Protanopia

45.1705, 0.3527, 0.3765

Deuteranopia

44.9903, 0.3694, 0.3617



Tritanopia

45.1094, 0.3171, 0.3113

Trichromacy



Original Color

45.0952, 0.3479, 0.3771

Protanomaly

45.0422, 0.3518, 0.3767

Deuteranomaly

44.9836, 0.3617, 0.3676

Tritanomaly

44.9764, 0.3285, 0.3342

Monochromacy



Original Color

45.0952, 0.3479, 0.3771

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.8171, 0.3251, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0952, 0.3479, 0.3771 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(186, 180, 144)` looks like.

```
.text, #text, p{  
    color:rgb(186, 180, 144)  
}
```

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(186, 180, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 180, 144) }
```

Border

The CSS property to change the border of an element to Yxy 45.0952, 0.3479, 0.3771 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(186, 180, 144) }
```

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

```
.border{ border-color:rgb(186, 180, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 180, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 180, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 180, 144);  
box-shadow:4px 4px 4px 4px rgb(186, 180,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0952, 0.3479, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 180, 144) }
```

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

```
.background{ background-color: rgb(186,  
180, 144) }
```

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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