

Converting Colors

$Yxy(42.9396, 0.3748, 0.4068)$

Have a look what the booklet for
Yxy(42.9396, 0.3748, 0.4068)
contains.

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Color

Yxy(43.1538, 0.3749, 0.4073)

Conversions

Conversions Part 1

Format	Color
Hex	BDB075
RGB	189, 176, 117
RGB Percent	74%, 69%, 46%
CMY	0.2589, 0.3098, 0.5410
CMYK	0.00, 0.07, 0.38, 0.26
HSL	49°, 35%, 60%
HSV	49°, 38%, 74%
XYZ	39.7210, 43.1538, 23.0761
YIQ	173.1610, 26.6870, -15.5930

Conversions

Conversions Part 2

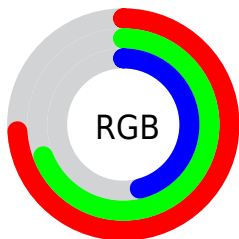
Format	Color
RYB	133, 189, 117
Decimal	12431477
CIELab	71.66, -4.02, 31.89
CIELCh	72, 32.147, 97.184
Yxy	43.1538, 0.3749, 0.4073
Android (android.graphics.Color)	4290621557 (0xFFBDB075)
YUV	173.1610, -27.6874, 13.8908
Hunter-Lab	65.6916, -7.0286, 25.1567

Details

The Yxy color **43.1538, 0.3749, 0.4073** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.4259, 0.2468, 0.2359**, and the grayscale version is **42.0108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6469, 0.3637, 0.3924**, and **19.9010, 0.3902, 0.4295** is the 20% darker color. If you saturate the color by 10%, you get **41.4351, 0.3921, 0.4268**, and if you desaturate by 10%, it is **44.9997, 0.3577, 0.3866**.

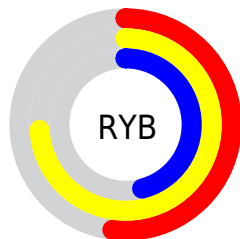
Distribution



Red (74%)

Green (69%)

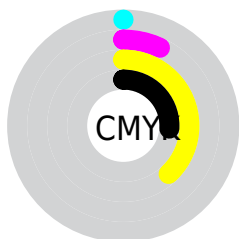
Blue (46%)



Red (52%)

Yellow (74%)

Blue (46%)

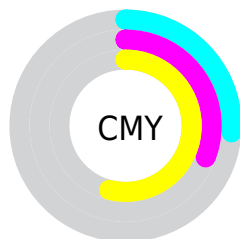


Cyan (0%)

Magenta (7%)

Yellow (38%)

Black (26%)



Cyan (26%)


Magenta (31%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1538, 0.3749, 0.4073 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 43.1538, 0.3749, 0.4073 by changing the saturation by 10% instead.


 43.1538, 0.3749,
0.4073


 43.1538, 0.3749,
0.4073


359.2439, 0.3442,
0.3679


 30.0058, 0.3822,
0.4170


 79.9429, 0.3639,
0.3930

 19.8430, 0.3914,
0.4293


 104.3528, 0.3597,
0.3876

 12.2810, 0.4029,
0.4452


 133.2854, 0.3562,
0.3831

 6.9353, 0.4176,
0.4662

167.1253, 0.3531,
0.3791

 3.4217, 0.4424,
0.5018

206.2566, 0.3504,
0.3758

 1.3556, 0.4616,
0.5384

251.0639, 0.3481,

 0.1837, 0.2939,

0.3728

0.7061

301.9315, 0.3460,
0.3702

0.0000, 0.0000,
0.0000

43.1538, 0.3749,
0.4073

43.1538, 0.3749,
0.4073

41.4351, 0.3921,
0.4268

44.9997, 0.3577,
0.3866

39.8321, 0.4085,
0.4443

46.9722, 0.3408,
0.3657

38.3405, 0.4235,
0.4586

49.0781, 0.3249,
0.3451

36.9531, 0.4363,
0.4690

51.3219, 0.3099,
0.3253


35.6619, 0.4465,
0.4749

53.7079, 0.2962,
0.3065


 34.4540, 0.4539,
0.4766

 56.2402, 0.2836,
0.2891

 34.2267, 0.4553,
0.4767

 58.9226, 0.2722,
0.2730

 60.8778, 0.2693,
0.2712

 62.5081, 0.2696,
0.2751

Harmonies

Analogous

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



43.1538, 0.4009, 0.3826



43.1538, 0.3749, 0.4073



43.1538, 0.3332, 0.4107

Triad

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



43.1538, 0.3749, 0.4073



43.1538, 0.2309, 0.2998



43.1538, 0.3336, 0.2799

Complementary

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



43.1538, 0.3749, 0.4073



23.4259, 0.2468, 0.2359

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.



43.1538, 0.2872, 0.2600



43.1538, 0.3749, 0.4073



43.1538, 0.2309, 0.2686

Square

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



43.1538, 0.3749, 0.4073



43.1538, 0.2509, 0.3439



43.1538, 0.2506, 0.2554



43.1538, 0.3768, 0.3109

Rectangle

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



43.1538, 0.3749, 0.4073



43.1538, 0.3025, 0.3976



43.1538, 0.2506, 0.2554



43.1538, 0.3178, 0.2718

Sweetspot

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



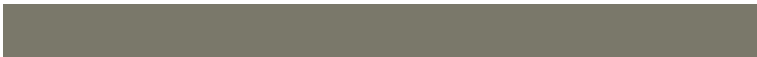
43.1558, 0.3749, 0.4073



86.7189, 0.3297, 0.3514



25.1654, 0.3878, 0.3108



18.5379, 0.3319, 0.3542



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.



43.1558, 0.3749, 0.4073



74.6240, 0.3898, 0.4243



45.8018, 0.3484, 0.4293



10.8199, 0.3269, 0.3477



23.1352, 0.4547, 0.4771



0.9839, 0.4449, 0.4850

Inverse Universe

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



23.4259, 0.2468, 0.2359



34.1204, 0.2299, 0.2103



21.9641, 0.2652, 0.2212



9.4962, 0.2984, 0.3096



3.3271, 0.1550, 0.0781



0.2166, 0.1665, 0.1195

Previews

White Background



This preview shows how the Yxy color 43.1538, 0.3749, 0.4073 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 43.1538, 0.3749, 0.4073 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 43.1538, 0.3749, 0.4073

Background



This preview shows how black text looks on a background with the Yxy color 43.1538, 0.3749, 0.4073.



This preview shows how white text looks on a background with the Yxy color 43.1538, 0.3749, 0.4073.

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

43.1538, 0.3749, 0.4073

Protanopia

43.2822, 0.3759, 0.4071

Deuteranopia

43.0388, 0.3978, 0.3899



Tritanopia

43.0772, 0.3273, 0.3125

Trichromacy



Original Color

43.1538, 0.3749, 0.4073

Protanomaly

43.2822, 0.3759, 0.4071

Deuteranomaly

42.9904, 0.3892, 0.3966

Tritanomaly

42.9319, 0.3445, 0.3461

Monochromacy



Original Color

43.1538, 0.3749, 0.4073

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.1557, 0.3350, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1538, 0.3749, 0.4073 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(189, 176, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 176, 117)  
}
```

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(189, 176, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 176, 117) }
```

Border

The CSS property to change the border of an element to Yxy 43.1538, 0.3749, 0.4073 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(189, 176, 117) }
```

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

```
.border{ border-color:rgb(189, 176, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 176, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 176, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 176, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 176,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1538, 0.3749, 0.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 176, 117) }
```

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

```
.background{ background-color: rgb(189,  
176, 117) }
```

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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