

Converting Colors

$Yxy(43.0895, 0.3671, 0.4042)$

Have a look what the booklet for
Yxy(43.0895, 0.3671, 0.4042)
contains.

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Color

Yxy(43.1390, 0.3673, 0.4044)

Conversions

Conversions Part 1

Format	Color
Hex	B9B179
RGB	185, 177, 121
RGB Percent	73%, 69%, 47%
CMY	0.2745, 0.3059, 0.5254
CMYK	0.00, 0.04, 0.35, 0.27
HSL	53°, 31%, 60%
HSV	53°, 35%, 73%
XYZ	39.1814, 43.1390, 24.3537
YIQ	173.0080, 22.7440, -15.7200

Conversions

Conversions Part 2

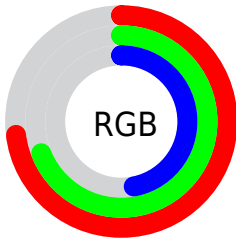
Format	Color
RYB	130, 185, 121
Decimal	12169593
CIELab	71.65, -5.68, 29.72
CIELCh	72, 30.253, 100.817
Yxy	43.1390, 0.3673, 0.4044
Android (android.graphics.Color)	4290359673 (0xFFB9B179)
YUV	173.0080, -25.6399, 10.5170
Hunter-Lab	65.6803, -8.4568, 23.9920

Details

The Yxy color **43.1390, 0.3673, 0.4044** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.2710, 0.2529, 0.2402**, and the grayscale version is **41.9193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2111, 0.3576, 0.3908**, and **19.9475, 0.3822, 0.4276** is the 20% darker color. If you saturate the color by 10%, you get **41.8241, 0.3835, 0.4254**, and if you desaturate by 10%, it is **44.5604, 0.3509, 0.3824**.

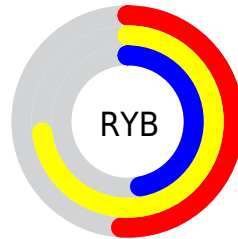
Distribution



Red (73%)

Green (69%)

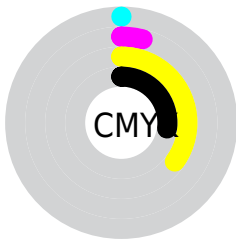
Blue (47%)



Red (51%)

Yellow (73%)

Blue (47%)

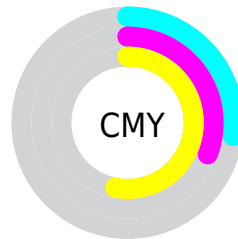


Cyan (0%)

Magenta (4%)

Yellow (35%)

Black (27%)



Cyan (27%)


Magenta (31%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1390, 0.3673, 0.4044 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 43.1390, 0.3673, 0.4044 by changing the saturation by 10% instead.


 43.1390, 0.3673,
0.4044


 43.1390, 0.3673,
0.4044

359.1831, 0.3403,
0.3661

 29.9942, 0.3738,
0.4140


 79.9206, 0.3577,
0.3905

 19.8342, 0.3818,
0.4261


 104.3261, 0.3540,
0.3852

 12.2746, 0.3921,
0.4421


 133.2541, 0.3509,
0.3808

 6.9310, 0.4051,
0.4636

167.0888, 0.3482,
0.3770

 3.4190, 0.4250,
0.4976

206.2146, 0.3458,
0.3738

 1.3542, 0.4509,
0.5491

251.0160, 0.3438,

 0.1826, 0.1606,

0.3709

0.8394

301.8774, 0.3419,
0.3684

0.0000, 0.0000,
0.0000

43.1390, 0.3673,
0.4044

43.1390, 0.3673,
0.4044

41.8241, 0.3835,
0.4254

44.5604, 0.3509,
0.3824

40.6047, 0.3989,
0.4445

46.0869, 0.3349,
0.3603

39.4771, 0.4128,
0.4608


47.7250, 0.3195,
0.3387


38.4352, 0.4246,
0.4733


49.4788, 0.3050,
0.3179

37.4717, 0.4338,
0.4815

51.3519, 0.2916,
0.2984


 36.5780, 0.4403,
0.4854

 53.3482, 0.2793,
0.2802

 36.1135, 0.4432,
0.4863

 55.4711, 0.2682,
0.2635

 56.7883, 0.2658,
0.2617

 57.8359, 0.2661,
0.2644

Harmonies

Analogous

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



43.1390, 0.3940, 0.3834



43.1390, 0.3673, 0.4044



43.1390, 0.3270, 0.4042

Triad

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



43.1390, 0.3673, 0.4044



43.1390, 0.2343, 0.2974



43.1390, 0.3379, 0.2856

Complementary

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



43.1390, 0.3673, 0.4044



23.2710, 0.2529, 0.2402

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.



43.1390, 0.2938, 0.2652



43.1390, 0.3673, 0.4044



43.1390, 0.2366, 0.2697

Square

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



43.1390, 0.3673, 0.4044



43.1390, 0.2512, 0.3379



43.1390, 0.2575, 0.2591



43.1390, 0.3771, 0.3161

Rectangle

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



43.1390, 0.3673, 0.4044



43.1390, 0.2982, 0.3899



43.1390, 0.2575, 0.2591



43.1390, 0.3230, 0.2775

Sweetspot

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



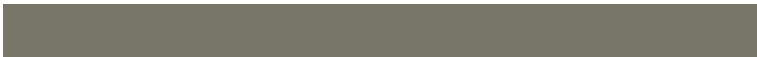
43.1410, 0.3673, 0.4044



83.8142, 0.3280, 0.3506



25.5912, 0.3822, 0.3171



17.9812, 0.3301, 0.3537



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.



43.1410, 0.3673, 0.4044



75.3412, 0.3804, 0.4215



43.7119, 0.3425, 0.4204



10.3067, 0.3267, 0.3488



24.6630, 0.4428, 0.4866



0.9235, 0.4359, 0.4921

Inverse Universe

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



23.2710, 0.2529, 0.2402



34.0936, 0.2367, 0.2152



23.1523, 0.2738, 0.2332



8.8955, 0.2984, 0.3084



2.8658, 0.1530, 0.0707



0.1602, 0.1625, 0.1048

Previews

White Background



This preview shows how the Yxy color 43.1390, 0.3673, 0.4044 looks on a white background.

Color Contrast Check

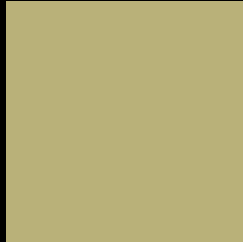
Large Text (above 18pt) WCAG AA × Fail

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 43.1390, 0.3673, 0.4044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

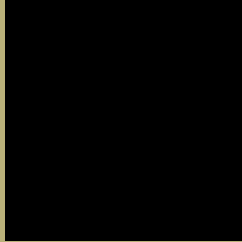
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1390, 0.3673, 0.4044

Background



This preview shows how black text looks on a background with the Yxy color 43.1390, 0.3673, 0.4044.



This preview shows how white text looks on a background with the Yxy color 43.1390, 0.3673, 0.4044.

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

43.1390, 0.3673, 0.4044

Protanopia

42.9632, 0.3739, 0.4020

Deuteranopia

42.9906, 0.3932, 0.3853



Tritanopia

42.9598, 0.3226, 0.3123

Trichromacy



Original Color

43.1390, 0.3673, 0.4044

Protanomaly

43.0981, 0.3715, 0.4037

Deuteranomaly

42.8103, 0.3838, 0.3921

Tritanomaly

42.8619, 0.3387, 0.3449

Monochromacy



Original Color

43.1390, 0.3673, 0.4044

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 43.1390, 0.3673, 0.4044 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(185, 177, 121)` looks like.

```
.text, #text, p{  
    color:rgb(185, 177, 121)  
}
```

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(185, 177, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 177, 121) }
```

Border

The CSS property to change the border of an element to Yxy 43.1390, 0.3673, 0.4044 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(185, 177, 121) }
```

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

```
.border{ border-color:rgb(185, 177, 121) }
```

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

Here you see how a box with a 4 pixel rgb(185, 177, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 177, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 177, 121);  
box-shadow:4px 4px 4px 4px rgb(185, 177,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1390, 0.3673, 0.4044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 177, 121) }
```

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

```
.background{ background-color: rgb(185,  
177, 121) }
```

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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