

Converting Colors

Yxy(43.2602, 0.3471, 0.3661)

Have a look what the booklet for
Yxy(43.2602, 0.3471, 0.3661)
contains.

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Color

Yxy(43.3313, 0.3476, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	BBAF93
RGB	187, 175, 147
RGB Percent	73%, 69%, 58%
CMY	0.2665, 0.3138, 0.4235
CMYK	0.00, 0.06, 0.21, 0.27
HSL	42°, 23%, 65%
HSV	42°, 21%, 73%
XYZ	41.0968, 43.3313, 33.8020
YIQ	175.3960, 16.1400, -6.1640

Conversions

Conversions Part 2

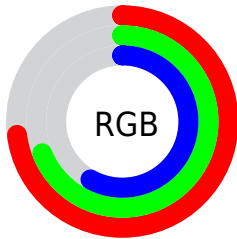
Format	Color
RYB	164, 187, 147
Decimal	12300179
CIELab	71.78, -0.27, 15.92
CIELCh	72, 15.923, 90.974
Yxy	43.3313, 0.3476, 0.3665
Android (android.graphics.Color)	4290490259 (0xFFBBAF93)
YUV	175.3960, -13.9992, 10.1767
Hunter-Lab	65.8265, -3.7554, 15.6331

Details

The Yxy color **43.3313, 0.3476, 0.3665** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.6054, 0.2785, 0.2884**, and the grayscale version is **43.1565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8654, 0.3409, 0.3592**, and **19.9970, 0.3574, 0.3788** is the 20% darker color. If you saturate the color by 10%, you get **40.6480, 0.3660, 0.3847**, and if you desaturate by 10%, it is **46.2053, 0.3305, 0.3486**.

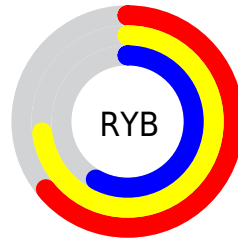
Distribution



Red (73%)

Green (69%)

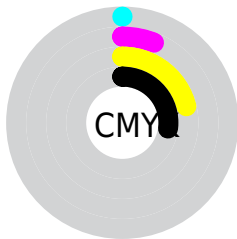
Blue (58%)



Red (64%)

Yellow (73%)

Blue (58%)

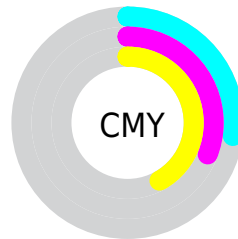


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (27%)



Cyan (27%)


Magenta (31%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3313, 0.3476, 0.3665 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 43.3313, 0.3476, 0.3665 by changing the saturation by 10% instead.


 43.3313, 0.3476,
0.3665


 43.3313, 0.3476,
0.3665

359.9725, 0.3300,
0.3475

 30.1451, 0.3520,
0.3713


 80.2106, 0.3412,
0.3596

 19.9488, 0.3577,
0.3774


 104.6725, 0.3388,
0.3570

 12.3578, 0.3653,
0.3856


133.6617, 0.3367,
0.3548

 6.9879, 0.3759,
0.3971

167.5628, 0.3350,
0.3529

 3.4545, 0.3915,
0.4140

206.7600, 0.3335,
0.3513

 1.3734, 0.4356,
0.4614

251.6377, 0.3322,

 0.1970, 0.4783,

0.3499

0.5217

302.5804, 0.3310,
0.3487

0.0000, 0.0000,
0.0000

43.3313, 0.3476,
0.3665

43.3313, 0.3476,
0.3665

40.6480, 0.3660,
0.3847

46.2053, 0.3305,
0.3486

38.1438, 0.3855,
0.4026

49.2695, 0.3148,
0.3313

35.8145, 0.4055,
0.4193

52.5309, 0.3006,
0.3151

33.6536, 0.4253,
0.4339

55.9944, 0.2879,
0.2999

31.6538, 0.4440,
0.4452

59.6646, 0.2765,
0.2859

■ 29.8069, 0.4608,
0.4523

■ 63.2709, 0.2686,
0.2773

■ 28.1035, 0.4747,
0.4546

■ 66.0770, 0.2693,
0.2838

■ 26.7391, 0.4847,
0.4534

■ 68.9815, 0.2699,
0.2902

■ 71.9855, 0.2705,
0.2966

Harmonies

Analogous

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



43.3313, 0.3575, 0.3540



43.3313, 0.3476, 0.3665



43.3313, 0.3284, 0.3690

Triad

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



43.3313, 0.3476, 0.3665



43.3313, 0.2723, 0.3198



43.3313, 0.3187, 0.3009

Complementary

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



43.3313, 0.3476, 0.3665



34.6054, 0.2785, 0.2884

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.



43.3313, 0.2960, 0.2920



43.3313, 0.3476, 0.3665



43.3313, 0.2698, 0.3020

Square

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



43.3313, 0.3476, 0.3665



43.3313, 0.2851, 0.3413



43.3313, 0.2783, 0.2922



43.3313, 0.3405, 0.3166

Rectangle

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



43.3313, 0.3476, 0.3665



43.3313, 0.3132, 0.3641



43.3313, 0.2783, 0.2922



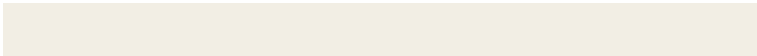
43.3313, 0.3109, 0.2970

Sweetspot

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



43.3332, 0.3476, 0.3665



85.5846, 0.3220, 0.3393



33.9647, 0.3420, 0.3118



18.7681, 0.3230, 0.3405



95.5105, 0.3127, 0.3290



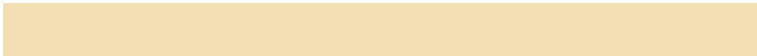
19.5994, 0.3127, 0.3290

Same Dimension

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



43.3332, 0.3476, 0.3665



75.1228, 0.3567, 0.3756



47.3303, 0.3380, 0.3827



10.6227, 0.3271, 0.3450



18.5466, 0.4837, 0.4541



0.8360, 0.4649, 0.4691

Inverse Universe

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



34.6054, 0.2785, 0.2884



56.5276, 0.2698, 0.2775



31.3614, 0.2839, 0.2715



9.6808, 0.2984, 0.3125



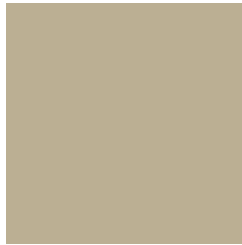
4.5507, 0.1617, 0.1019



0.2967, 0.1757, 0.1524

Previews

White Background



This preview shows how the Yxy color 43.3313, 0.3476, 0.3665 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 43.3313, 0.3476, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

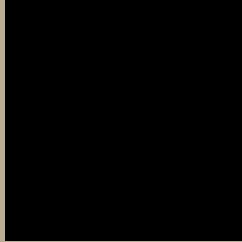
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

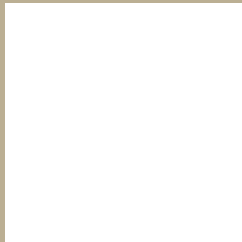
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3313, 0.3476, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 43.3313, 0.3476, 0.3665.



This preview shows how white text looks on a background with the Yxy color 43.3313, 0.3476, 0.3665.

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

43.3313, 0.3476, 0.3665

Protanopia

43.2056, 0.3466, 0.3666

Deuteranopia

43.2106, 0.3638, 0.3559



Tritanopia

43.3748, 0.3216, 0.3124

Trichromacy



Original Color

43.3313, 0.3476, 0.3665

Protanomaly

43.2056, 0.3466, 0.3666

Deuteranomaly

43.1343, 0.3573, 0.3590

Tritanomaly

43.3545, 0.3308, 0.3317

Monochromacy



Original Color

43.3313, 0.3476, 0.3665

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9603, 0.3246, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3313, 0.3476, 0.3665 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(187, 175, 147)` looks like.

```
.text, #text, p{  
    color:rgb(187, 175, 147)  
}
```

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(187, 175, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 175, 147) }
```

Border

The CSS property to change the border of an element to Yxy 43.3313, 0.3476, 0.3665 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(187, 175, 147) }
```

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

```
.border{ border-color:rgb(187, 175, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 175, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 175, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 175, 147);  
box-shadow:4px 4px 4px 4px rgb(187, 175,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3313, 0.3476, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 175, 147) }
```

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

```
.background{ background-color: rgb(187,  
175, 147) }
```

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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