

Converting Colors

$Yxy(40.7494, 0.3474, 0.3524)$

Have a look what the booklet for
Yxy(40.7494, 0.3474, 0.3524)
contains.

Yxy(40.8986, 0.3476, 0.3533)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.8986, 0.3476, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	BCA896
RGB	188, 168, 150
RGB Percent	74%, 66%, 59%
CMY	0.2629, 0.3411, 0.4118
CMYK	0.00, 0.11, 0.20, 0.26
HSL	28°, 22%, 66%
HSV	28°, 20%, 74%
XYZ	40.2388, 40.8986, 34.6243
YIQ	171.9280, 17.6980, -1.3580

Conversions

Conversions Part 2

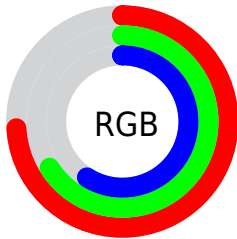
Format	Color
RYB	188, 184, 150
Decimal	12363926
CIELab	70.10, 4.30, 11.94
CIELCh	70, 12.694, 70.214
Yxy	40.8986, 0.3476, 0.3533
Android (android.graphics.Color)	4290554006 (0xFFBCA896)
YUV	171.9280, -10.8105, 14.0951
Hunter-Lab	63.9520, 0.3966, 12.6662

Details

The Yxy color **40.8986, 0.3476, 0.3533** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8374, 0.2813, 0.3034**, and the grayscale version is **41.2642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5475, 0.3415, 0.3488**, and **18.4600, 0.3581, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **36.8343, 0.3686, 0.3661**, and if you desaturate by 10%, it is **45.3405, 0.3291, 0.3409**.

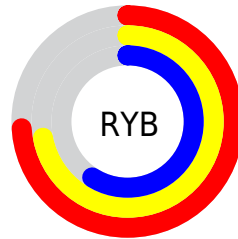
Distribution



Red (74%)

Green (66%)

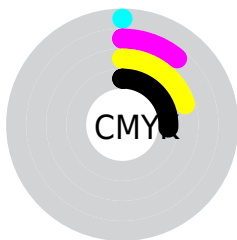
Blue (59%)



Red (74%)

Yellow (72%)

Blue (59%)

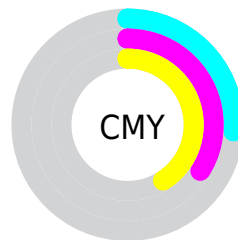


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8986, 0.3476, 0.3533 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 40.8986, 0.3476, 0.3533 by changing the saturation by 10% instead.


 40.8986, 0.3476,
0.3533


 40.8986, 0.3476,
0.3533


349.8966, 0.3297,
0.3411

 28.2399, 0.3522,
0.3564


 76.5299, 0.3410,
0.3488

 18.5065, 0.3582,
0.3603


 100.2713, 0.3385,
0.3472

 11.3143, 0.3663,
0.3656


128.4757, 0.3365,
0.3458

 6.2786, 0.3779,
0.3729

161.5275, 0.3347,
0.3445

 3.0152, 0.3958,
0.3837

199.8111, 0.3332,
0.3435

 1.1397, 0.4432,
0.4167

243.7109, 0.3319,

 0.0116, 0.9090,

0.3426

0.0910

293.6113, 0.3307,
0.3418

0.0000, 0.0000,
0.0000

40.8986, 0.3476,
0.3533

40.8986, 0.3476,
0.3533

36.8343, 0.3686,
0.3661

45.3405, 0.3291,
0.3409

33.1313, 0.3922,
0.3788

50.1647, 0.3130,
0.3292

29.7802, 0.4182,
0.3907

55.3828, 0.2990,
0.3183

26.7689, 0.4460,
0.4009

61.0042, 0.2869,
0.3082

24.0845, 0.4746,
0.4082

67.0379, 0.2763,
0.2990

■ 21.7131, 0.5022,
0.4113

■ 72.9822, 0.2712,
0.2985

■ 19.6389, 0.5272,
0.4093

■ 78.5463, 0.2723,
0.3095

■ 17.8709, 0.5483,
0.4029

■ 84.4252, 0.2733,
0.3203

■ 89.4263, 0.2741,
0.3289

Harmonies

Analogous

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



40.8986, 0.3487, 0.3395



40.8986, 0.3476, 0.3533



40.8986, 0.3370, 0.3610

Triad

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



40.8986, 0.3476, 0.3533



40.8986, 0.2862, 0.3337



40.8986, 0.3046, 0.3002

Complementary

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



40.8986, 0.3476, 0.3533



38.8374, 0.2813, 0.3034

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.



40.8986, 0.2885, 0.2980



40.8986, 0.3476, 0.3533



40.8986, 0.2781, 0.3167

Square

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



40.8986, 0.3476, 0.3533



40.8986, 0.3014, 0.3498



40.8986, 0.2789, 0.3038



40.8986, 0.3235, 0.3095

Rectangle

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



40.8986, 0.3476, 0.3533



40.8986, 0.3261, 0.3614



40.8986, 0.2789, 0.3038



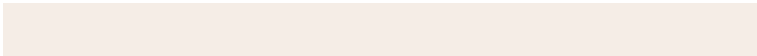
40.8986, 0.2987, 0.2986

Sweetspot

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



40.9004, 0.3476, 0.3533



85.7139, 0.3222, 0.3360



35.4084, 0.3319, 0.3020



18.3112, 0.3233, 0.3368



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.



40.9004, 0.3476, 0.3533



70.9876, 0.3561, 0.3586



48.2992, 0.3430, 0.3771



10.2634, 0.3277, 0.3399



12.3199, 0.5463, 0.4044



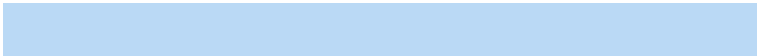
0.6136, 0.5082, 0.4347

Inverse Universe

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



38.8374, 0.2813, 0.3034



66.6026, 0.2746, 0.2974



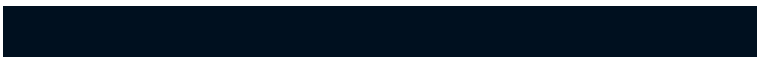
32.3293, 0.2796, 0.2760



10.0323, 0.2984, 0.3178



8.6643, 0.1801, 0.1682



0.4695, 0.1917, 0.2101

Previews

White Background



This preview shows how the Yxy color 40.8986, 0.3476, 0.3533 looks on a white background.

Color Contrast Check

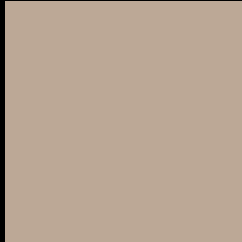
Large Text (above 18pt) WCAG AA × Fail

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 40.8986, 0.3476, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

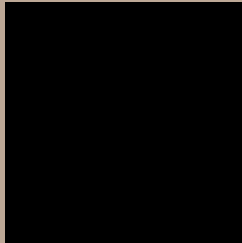
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8986, 0.3476, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 40.8986, 0.3476, 0.3533.



This preview shows how white text looks on a background with the Yxy color 40.8986, 0.3476, 0.3533.

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

40.8986, 0.3476, 0.3533

Protanopia

40.9439, 0.3374, 0.3566

Deuteranopia

40.8804, 0.3553, 0.3475



Tritanopia

40.8016, 0.3266, 0.3121

Trichromacy



Original Color

40.8986, 0.3476, 0.3533

Protanomaly

40.9289, 0.3405, 0.3550

Deuteranomaly

40.8443, 0.3521, 0.3490

Tritanomaly

40.6474, 0.3346, 0.3264

Monochromacy



Original Color

40.8986, 0.3476, 0.3533

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2711, 0.3251, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8986, 0.3476, 0.3533 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(188, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(188, 168, 150)  
}
```

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(188, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 168, 150) }
```

Border

The CSS property to change the border of an element to Yxy 40.8986, 0.3476, 0.3533 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(188, 168, 150) }
```

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

```
.border{ border-color:rgb(188, 168, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 168, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 168, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 168, 150);  
box-shadow:4px 4px 4px 4px rgb(188, 168,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8986, 0.3476, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 168, 150) }
```

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

```
.background{ background-color: rgb(188,  
168, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor