

Converting Colors

$Yxy(47.8079, 0.3309, 0.3471)$

Have a look what the booklet for
Yxy(47.8079, 0.3309, 0.3471)
contains.

Yxy(47.8079, 0.3309, 0.3471)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.8079, 0.3309, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	BFB7A9
RGB	191, 183, 169
RGB Percent	75%, 72%, 66%
CMY	0.2510, 0.2823, 0.3373
CMYK	0.00, 0.04, 0.12, 0.25
HSL	38°, 15%, 71%
HSV	38°, 12%, 75%
XYZ	45.5766, 47.8079, 44.3507
YIQ	183.7960, 9.2620, -2.6580

Conversions

Conversions Part 2

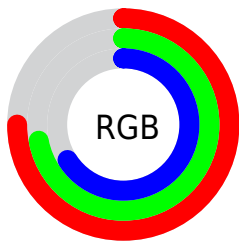
Format	Color
RYB	182, 191, 169
Decimal	12564393
CIELab	74.70, 0.39, 8.13
CIELCh	75, 8.140, 87.244
Yxy	47.8079, 0.3309, 0.3471
Android (android.graphics.Color)	4290754473 (0xFFBFB7A9)
YUV	183.7960, -7.2944, 6.3179
Hunter-Lab	69.1433, -3.3403, 10.3697

Details

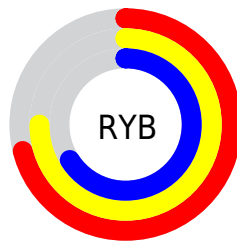
The Yxy color $47.8079, 0.3309, 0.3471$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.6204, 0.2950, 0.3102$, and the grayscale version is $47.8509, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.8890, 0.3274, 0.3441$, and $22.6529, 0.3366, 0.3518$ is the 20% darker color. If you saturate the color by 10%, you get $44.3585, 0.3485, 0.3636$, and if you desaturate by 10%, it is $51.5068, 0.3150, 0.3313$.

Distribution



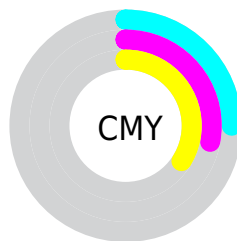
- Red (75%)
- Green (72%)
- Blue (66%)



- Red (71%)
- Yellow (75%)
- Blue (66%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8079, 0.3309, 0.3471 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 47.8079, 0.3309, 0.3471 by changing the saturation by 10% instead.

■ 47.8079, 0.3309,
0.3471

■ 47.8079, 0.3309,
0.3471

378.0302, 0.3218,
0.3381

■ 33.6748, 0.3332,
0.3493

■ 86.9183, 0.3276,
0.3438

■ 22.6439, 0.3360,
0.3522

112.6644, 0.3264,
0.3426

■ 14.3308, 0.3399,
0.3560

143.0503, 0.3253,
0.3416

■ 8.3511, 0.3452,
0.3613

178.4603, 0.3244,
0.3407

■ 4.3204, 0.3532,
0.3691

219.2790, 0.3237,
0.3399

■ 1.8544, 0.3661,
0.3818

265.8905, 0.3230,

■ 0.5207, 0.4921,

0.3392

0.5079

318.6795, 0.3224,
0.3386

0.0000, 0.0000,
0.0000

47.8079, 0.3309,
0.3471

47.8079, 0.3309,
0.3471

44.3585, 0.3485,
0.3636

51.5068, 0.3150,
0.3313

41.1457, 0.3678,
0.3804

55.4550, 0.3008,
0.3165

38.1647, 0.3885,
0.3969

59.6605, 0.2881,
0.3027

35.4081, 0.4101,
0.4124

64.1291, 0.2768,
0.2899

32.8682, 0.4321,
0.4258

68.2410, 0.2720,
0.2878

■ 30.5362, 0.4533,
0.4359

■ 71.8981, 0.2727,
0.2956

■ 28.4025, 0.4728,
0.4418

■ 75.7069, 0.2734,
0.3033

■ 26.4562, 0.4894,
0.4426

■ 79.6690, 0.2741,
0.3110

■ 24.9370, 0.5014,
0.4401

■ 83.7862, 0.2748,
0.3185

Harmonies

Analogous

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



47.8079, 0.3349, 0.3407



47.8079, 0.3309, 0.3471



47.8079, 0.3220, 0.3487

Triad

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



47.8079, 0.3309, 0.3471



47.8079, 0.2930, 0.3260



47.8079, 0.3144, 0.3140

Complementary

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



47.8079, 0.3309, 0.3471



43.6204, 0.2950, 0.3102

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.



47.8079, 0.3032, 0.3101



47.8079, 0.3309, 0.3471



47.8079, 0.2910, 0.3168

Square

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



47.8079, 0.3309, 0.3471



47.8079, 0.3002, 0.3364



47.8079, 0.2947, 0.3110



47.8079, 0.3253, 0.3217

Rectangle

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



47.8079, 0.3309, 0.3471



47.8079, 0.3146, 0.3466



47.8079, 0.2947, 0.3110



47.8079, 0.3106, 0.3122

Sweetspot

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



47.8100, 0.3309, 0.3471



91.2246, 0.3173, 0.3337



42.6191, 0.3260, 0.3186



19.9114, 0.3186, 0.3349



97.7402, 0.3127, 0.3290



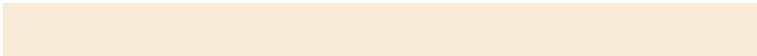
20.4902, 0.3127, 0.3290

Same Dimension

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



47.8100, 0.3309, 0.3471



83.9297, 0.3355, 0.3515



50.8180, 0.3272, 0.3573



10.5230, 0.3273, 0.3436



16.5478, 0.5000, 0.4412



0.7683, 0.4760, 0.4602

Inverse Universe

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



43.6204, 0.2950, 0.3102



74.8388, 0.2906, 0.3055



40.8900, 0.2973, 0.2995



9.7763, 0.2984, 0.3140



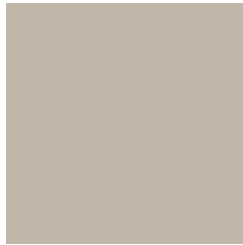
5.4281, 0.1660, 0.1177



0.3383, 0.1800, 0.1678

Previews

White Background



This preview shows how the Yxy color 47.8079, 0.3309, 0.3471 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 47.8079, 0.3309, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

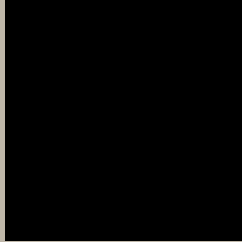
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

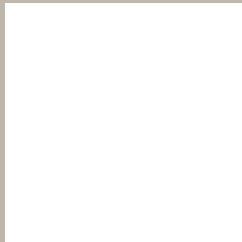
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8079, 0.3309, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 47.8079, 0.3309, 0.3471.

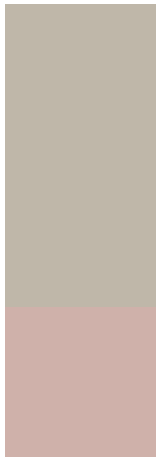


This preview shows how white text looks on a background with the Yxy color 47.8079, 0.3309, 0.3471.

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

47.8079, 0.3309, 0.3471

Protanopia

47.8079, 0.3309, 0.3471

Deuteranopia

47.6120, 0.3455, 0.3377



Tritanopia

47.5598, 0.3144, 0.3115

Trichromacy



Original Color

47.8079, 0.3309, 0.3471

Protanomaly

47.8079, 0.3309, 0.3471

Deuteranomaly

47.5600, 0.3397, 0.3404

Tritanomaly

47.4407, 0.3207, 0.3240

Monochromacy



Original Color

47.8079, 0.3309, 0.3471

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1004, 0.3192, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8079, 0.3309, 0.3471 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(191, 183, 169)` looks like.

```
.text, #text, p{  
    color:rgb(191, 183, 169)  
}
```

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(191, 183, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 183, 169) }
```

Border

The CSS property to change the border of an element to Yxy 47.8079, 0.3309, 0.3471 is called "border". The border property can be set on classes, ids or directly on the HTML element.

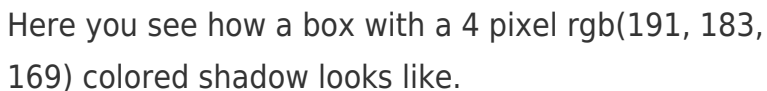
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 183, 169) }
```

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

```
.border{ border-color:rgb(191, 183, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 183, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 183, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 183, 169); box-shadow:4px 4px 4px 4px rgb(191, 183, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8079, 0.3309, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 183, 169) }
```

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

```
.background{ background-color: rgb(191,  
183, 169) }
```

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