

Converting Colors

$Yxy(43.8229, 0.3247, 0.3397)$

Have a look what the booklet for
Yxy(43.8229, 0.3247, 0.3397)
contains.

Yxy(43.8229, 0.3247, 0.3397)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.8229, 0.3247, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	B6B0A8
RGB	182, 176, 168
RGB Percent	71%, 69%, 66%
CMY	0.2862, 0.3098, 0.3412
CMYK	0.00, 0.03, 0.08, 0.29
HSL	34°, 9%, 69%
HSV	34°, 8%, 71%
XYZ	41.8878, 43.8229, 43.2940
YIQ	176.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

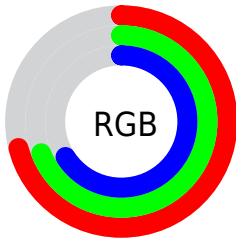
Format	Color
RYB	179, 182, 168
Decimal	11972776
CIELab	72.11, 0.71, 4.85
CIELCh	72, 4.898, 81.613
Yxy	43.8229, 0.3247, 0.3397
Android (android.graphics.Color)	4290162856 (0xFFB6B0A8)
YUV	176.8820, -4.3788, 4.4885
Hunter-Lab	66.1989, -2.9008, 7.5636

Details

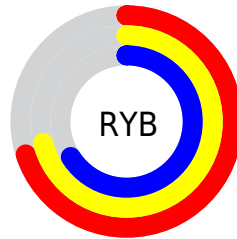
The Yxy color **43.8229, 0.3247, 0.3397** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9820, 0.3010, 0.3181**, and the grayscale version is **43.9244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2181, 0.3226, 0.3383**, and **20.3434, 0.3280, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **40.2156, 0.3420, 0.3543**, and if you desaturate by 10%, it is **47.7055, 0.3094, 0.3259**.

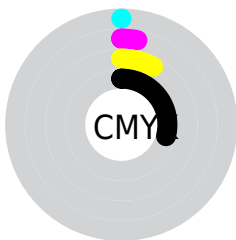
Distribution



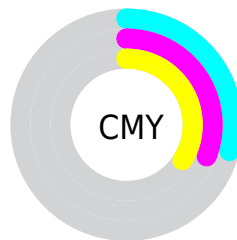
- Red (71%)
- Green (69%)
- Blue (66%)



- Red (70%)
- Yellow (71%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (29%)





- Cyan (29%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8229, 0.3247, 0.3397 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 43.8229, 0.3247, 0.3397 by changing the saturation by 10% instead.


 43.8229, 0.3247,
0.3397

 43.8229, 0.3247,
0.3397


361.9851, 0.3186,
0.3343

 30.5313, 0.3262,
0.3411


 80.9512, 0.3225,
0.3377

 20.2422, 0.3282,
0.3428


 105.5567, 0.3217,
0.3370

 12.5712, 0.3309,
0.3452


134.7022, 0.3210,
0.3364

 7.1340, 0.3347,
0.3485

168.7723, 0.3204,
0.3358

 3.5460, 0.3405,
0.3536

208.1512, 0.3198,
0.3354

 1.4230, 0.3503,
0.3622

253.2234, 0.3194,

 0.2336, 0.5062,

0.3350

0.4938

304.3732, 0.3190,
0.3346

0.0000, 0.0000,
0.0000

43.8229, 0.3247,
0.3397

43.8229, 0.3247,
0.3397

40.2156, 0.3420,
0.3543

47.7055, 0.3094,
0.3259

36.8711, 0.3613,
0.3693

51.8642, 0.2958,
0.3130

33.7840, 0.3825,
0.3844

56.3072, 0.2839,
0.3011

30.9466, 0.4054,
0.3989

61.0407, 0.2734,
0.2901

28.3509, 0.4295,
0.4118

65.8097, 0.2663,
0.2842

■ 25.9881, 0.4538,
0.4220

■ 69.8881, 0.2673,
0.2932

■ 23.8487, 0.4771,
0.4284

■ 74.1593, 0.2682,
0.3021

■ 21.9219, 0.4981,
0.4299

■ 78.6258, 0.2692,
0.3109

■ 20.1931, 0.5160,
0.4264

■ 83.2901, 0.2701,
0.3195

Harmonies

Analogous

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



43.8229, 0.3265, 0.3354



43.8229, 0.3247, 0.3397



43.8229, 0.3197, 0.3412

Triad

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



43.8229, 0.3247, 0.3397



43.8229, 0.3011, 0.3284



43.8229, 0.3125, 0.3190

Complementary

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



43.8229, 0.3247, 0.3397



41.9820, 0.3010, 0.3181

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.



43.8229, 0.3057, 0.3171



43.8229, 0.3247, 0.3397



43.8229, 0.2992, 0.3224

Square

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



43.8229, 0.3247, 0.3397



43.8229, 0.3061, 0.3347



43.8229, 0.3008, 0.3183



43.8229, 0.3194, 0.3235

Rectangle

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



43.8229, 0.3247, 0.3397



43.8229, 0.3152, 0.3403



43.8229, 0.3008, 0.3183



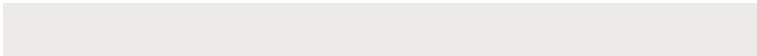
43.8229, 0.3101, 0.3180

Sweetspot

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



43.8248, 0.3247, 0.3397



83.3612, 0.3158, 0.3318



41.0102, 0.3204, 0.3209



18.4284, 0.3156, 0.3316



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.



43.8248, 0.3247, 0.3397



78.4566, 0.3271, 0.3418



46.1260, 0.3231, 0.3476



9.8398, 0.3274, 0.3420



14.1269, 0.5185, 0.4265



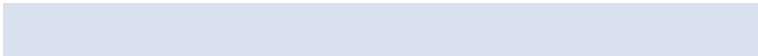
0.6183, 0.4865, 0.4519

Inverse Universe

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



41.9820, 0.3010, 0.3181



74.5279, 0.2988, 0.3159



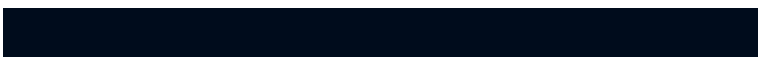
39.8093, 0.3019, 0.3098



9.3367, 0.2985, 0.3156



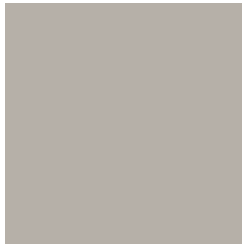
6.3753, 0.1715, 0.1374



0.3481, 0.1859, 0.1891

Previews

White Background



This preview shows how the Yxy color 43.8229, 0.3247, 0.3397 looks on a white background.

Color Contrast Check

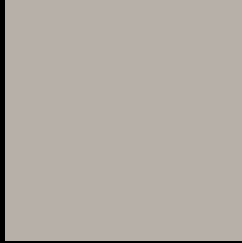
Large Text (above 18pt) WCAG AA × Fail

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 43.8229, 0.3247, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

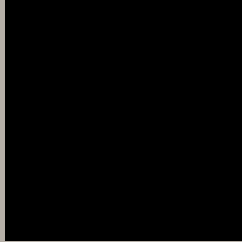
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

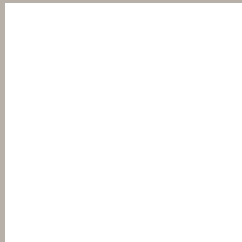
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8229, 0.3247, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 43.8229, 0.3247, 0.3397.

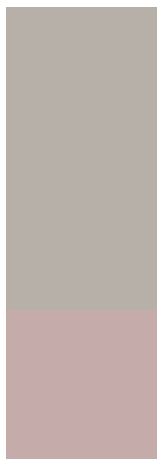


This preview shows how white text looks on a background with the Yxy color 43.8229, 0.3247, 0.3397.

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

43.8229, 0.3247, 0.3397

Protanopia

43.8229, 0.3247, 0.3397

Deuteranopia

43.8607, 0.3384, 0.3316



Tritanopia

43.7893, 0.3118, 0.3109

Trichromacy



Original Color

43.8229, 0.3247, 0.3397

Protanomaly

43.8229, 0.3247, 0.3397

Deuteranomaly

43.9582, 0.3334, 0.3343

Tritanomaly

43.7577, 0.3166, 0.3212

Monochromacy



Original Color

43.8229, 0.3247, 0.3397

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0840, 0.3169, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8229, 0.3247, 0.3397 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(182, 176, 168)` looks like.

```
.text, #text, p{  
    color:rgb(182, 176, 168)  
}
```

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(182, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 176, 168) }
```

Border

The CSS property to change the border of an element to Yxy 43.8229, 0.3247, 0.3397 is called "border". The border property can be set on classes, ids or directly on the HTML element.

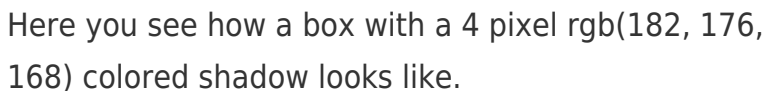
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 176, 168) }
```

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

```
.border{ border-color:rgb(182, 176, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 176, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 176, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 176, 168); box-shadow:4px 4px 4px 4px rgb(182, 176, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8229, 0.3247, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 176, 168) }
```

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

```
.background{ background-color: rgb(182,  
176, 168) }
```

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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