

Converting Colors

$Yxy(38.8706, 0.3245, 0.3209)$

Have a look what the booklet for
Yxy(38.8706, 0.3245, 0.3209)
contains.

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Color

Yxy(38.8827, 0.3245, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	B5A3A9
RGB	181, 163, 169
RGB Percent	71%, 64%, 66%
CMY	0.2901, 0.3608, 0.3373
CMYK	0.00, 0.10, 0.07, 0.29
HSL	340°, 11%, 67%
HSV	340°, 10%, 71%
XYZ	39.3189, 38.8827, 42.9660
YIQ	169.0660, 8.8020, 5.6820

Conversions

Conversions Part 2

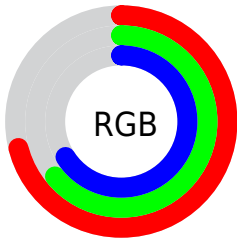
Format	Color
RYB	181, 163, 169
Decimal	11903913
CIELab	68.67, 7.61, -0.72
CIElCh	69, 7.649, 354.600
Yxy	38.8827, 0.3245, 0.3209
Android (android.graphics.Color)	4290093993 (0xFFB5A3A9)
YUV	169.0660, -0.0325, 10.4661
Hunter-Lab	62.3560, 3.4311, 2.7958

Details

The Yxy color **38.8827, 0.3245, 0.3209** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9414, 0.3022, 0.3372**, and the grayscale version is **39.7095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5292, 0.3224, 0.3227**, and **17.2424, 0.3280, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **32.4767, 0.3390, 0.3123**, and if you desaturate by 10%, it is **46.2542, 0.3127, 0.3290**.

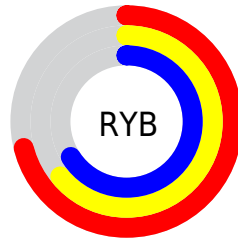
Distribution



Red (71%)

Green (64%)

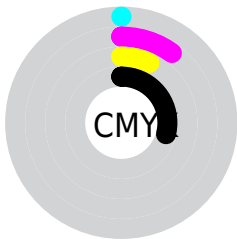
Blue (66%)



Red (71%)

Yellow (64%)

Blue (66%)

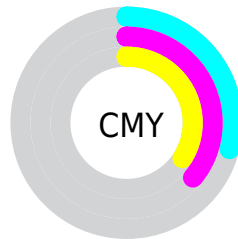


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (29%)



Cyan (29%)


Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8827, 0.3245, 0.3209 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 38.8827, 0.3245, 0.3209 by changing the saturation by 10% instead.

 38.8827, 0.3245,
0.3209


 38.8827, 0.3245,
0.3209

341.3915, 0.3184,
0.3251

 26.6685, 0.3261,
0.3198


 73.4591, 0.3223,
0.3224

 17.3244, 0.3281,
0.3184


 96.5901, 0.3214,
0.3230

 10.4661, 0.3309,
0.3165


124.1287, 0.3207,
0.3235

 5.7090, 0.3350,
0.3137

156.4595, 0.3201,
0.3239

 2.6690, 0.3414,
0.3094

193.9668, 0.3196,
0.3243

 0.9615, 0.3529,
0.3017

237.0349, 0.3192,

 0.0000, 1.0000,

0.3246

0.0000

286.0484, 0.3188,
0.3248

0.0000, 0.0000,
0.0000

38.8827, 0.3245,
0.3209

38.8827, 0.3245,
0.3209

32.4767, 0.3390,
0.3123

46.2542, 0.3127,
0.3290

26.9910, 0.3565,
0.3034

54.6238, 0.3030,
0.3366

22.3846, 0.3778,
0.2945

64.0289, 0.2951,
0.3435

18.6110, 0.4030,
0.2863

74.5032, 0.2886,
0.3498

15.6199, 0.4323,
0.2796

86.0791, 0.2832,
0.3556

■ 13.3550, 0.4649,
0.2755

■ 87.7263, 0.2772,
0.3436

■ 11.7526, 0.4993,
0.2753

■ 88.4743, 0.2713,
0.3304

■ 10.7379, 0.5331,
0.2797

■ 88.5671, 0.2706,
0.3289

■ 10.1578, 0.5638,
0.2880

Harmonies

Analogous

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



38.8827, 0.3134, 0.3134



38.8827, 0.3245, 0.3209



38.8827, 0.3325, 0.3306

Triad

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



38.8827, 0.3245, 0.3209



38.8827, 0.3230, 0.3489



38.8827, 0.2908, 0.3174

Complementary

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



38.8827, 0.3245, 0.3209



43.9414, 0.3022, 0.3372

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.



38.8827, 0.2933, 0.3269



38.8827, 0.3245, 0.3209



38.8827, 0.3117, 0.3454

Square

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



38.8827, 0.3245, 0.3209



38.8827, 0.3316, 0.3468



38.8827, 0.3009, 0.3373



38.8827, 0.2941, 0.3112

Rectangle

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



38.8827, 0.3245, 0.3209



38.8827, 0.3349, 0.3371



38.8827, 0.3009, 0.3373



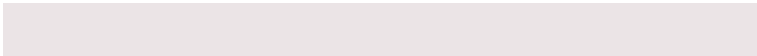
38.8827, 0.2910, 0.3203

Sweetspot

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



38.8844, 0.3245, 0.3209



78.5480, 0.3161, 0.3266



38.6462, 0.3083, 0.3045



16.7445, 0.3170, 0.3259



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.8844, 0.3245, 0.3209



66.9011, 0.3275, 0.3190



39.7442, 0.3295, 0.3331



8.5504, 0.3237, 0.3214



7.0105, 0.5607, 0.2862



0.2317, 0.4812, 0.2424

Inverse Universe

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



38.8844, 0.3245, 0.3209



66.9011, 0.3275, 0.3190



42.9731, 0.2976, 0.3248



8.5504, 0.3237, 0.3214



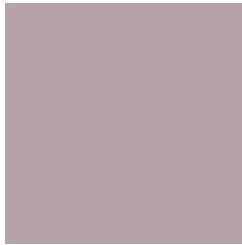
7.0105, 0.5607, 0.2862



0.2317, 0.4812, 0.2424

Previews

White Background



This preview shows how the Yxy color 38.8827, 0.3245, 0.3209 looks on a white background.

Color Contrast Check

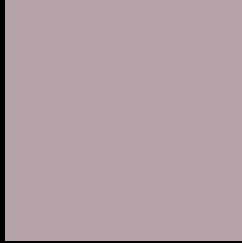
Large Text (above 18pt) WCAG AA × Fail

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 38.8827, 0.3245, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

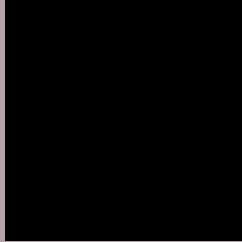
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8827, 0.3245, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 38.8827, 0.3245, 0.3209.



This preview shows how white text looks on a background with the Yxy color 38.8827, 0.3245, 0.3209.

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

38.8827, 0.3245, 0.3209

Protanopia

39.0127, 0.3111, 0.3234

Deuteranopia

38.7725, 0.3265, 0.3196



Tritanopia

38.8809, 0.3201, 0.3116

Trichromacy



Original Color

38.8827, 0.3245, 0.3209

Protanomaly

39.0590, 0.3158, 0.3235

Deuteranomaly

38.6503, 0.3255, 0.3196

Tritanomaly

38.8029, 0.3219, 0.3142

Monochromacy



Original Color

38.8827, 0.3245, 0.3209

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3862, 0.3165, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8827, 0.3245, 0.3209 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(181, 163, 169)` looks like.

```
.text, #text, p{  
    color:rgb(181, 163, 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(181, 163, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 163, 169) }
```

Border

The CSS property to change the border of an element to Yxy 38.8827, 0.3245, 0.3209 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(181, 163, 169) }
```

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

```
.border{ border-color:rgb(181, 163, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 163, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 163, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 163, 169);  
box-shadow:4px 4px 4px 4px rgb(181, 163,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8827, 0.3245, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 163, 169) }
```

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

```
.background{ background-color: rgb(181,  
163, 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](#).

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