

Converting Colors

$Yxy(38.8865, 0.3244, 0.3181)$

Have a look what the booklet for
Yxy(38.8865, 0.3244, 0.3181)
contains.

Yxy(38.7260, 0.3237, 0.3169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.7260, 0.3237, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	B6A2AB
RGB	182, 162, 171
RGB Percent	71%, 64%, 67%
CMY	0.2864, 0.3646, 0.3294
CMYK	0.00, 0.11, 0.06, 0.29
HSL	333°, 12%, 67%
HSV	333°, 11%, 71%
XYZ	39.5570, 38.7260, 43.9196
YIQ	169.0060, 9.0310, 7.0390

Conversions

Conversions Part 2

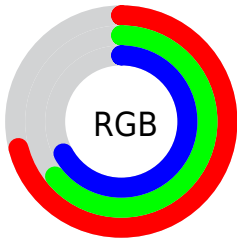
Format	Color
RYB	182, 162, 171
Decimal	11969195
CIELab	68.55, 8.86, -1.99
CIElCh	69, 9.078, 347.315
Yxy	38.7260, 0.3237, 0.3169
Android (android.graphics.Color)	4290159275 (0xFFB6A2AB)
YUV	169.0060, 0.9830, 11.3957
Hunter-Lab	62.2302, 4.5616, 1.7166

Details

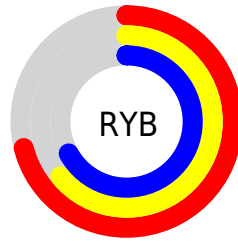
The Yxy color **38.7260, 0.3237, 0.3169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.1424, 0.3029, 0.3414**, and the grayscale version is **39.6703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2938, 0.3218, 0.3196**, and **17.1509, 0.3270, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **32.4062, 0.3359, 0.3052**, and if you desaturate by 10%, it is **46.0058, 0.3136, 0.3280**.

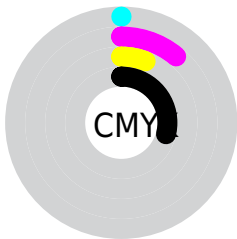
Distribution



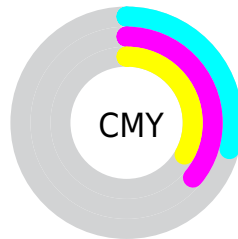
- Red (71%)
- Green (64%)
- Blue (67%)



- Red (71%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (29%)




- Cyan (29%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7260, 0.3237, 0.3169 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 38.7260, 0.3237, 0.3169 by changing the saturation by 10% instead.


 38.7260, 0.3237,
0.3169


 38.7260, 0.3237,
0.3169


340.7242, 0.3181,
0.3231

 26.5466, 0.3252,
0.3153


 73.2196, 0.3216,
0.3192

 17.2330, 0.3271,
0.3132


 96.3025, 0.3208,
0.3200

 10.4008, 0.3296,
0.3104


123.7888, 0.3202,
0.3207

 5.6655, 0.3334,
0.3064

156.0629, 0.3196,
0.3214

 2.6428, 0.3392,
0.3001

193.5090, 0.3192,
0.3219

 0.9482, 0.3496,
0.2890

236.5117, 0.3188,

 0.0000, 1.0000,

0.3223

0.0000

285.4553, 0.3184,
0.3227

0.0000, 0.0000,
0.0000

38.7260, 0.3237,
0.3169

38.7260, 0.3237,
0.3169

32.4062, 0.3359,
0.3052

46.0058, 0.3136,
0.3280

27.0009, 0.3506,
0.2932

54.2783, 0.3053,
0.3383

22.4687, 0.3681,
0.2814

63.5811, 0.2984,
0.3479

18.7629, 0.3886,
0.2703

73.9481, 0.2927,
0.3566

15.8323, 0.4120,
0.2610

85.4119, 0.2880,
0.3647

■ 13.6203, 0.4379,
0.2547

■ 87.2307, 0.2830,
0.3554

■ 12.0619, 0.4654,
0.2526

■ 87.8120, 0.2779,
0.3441

■ 11.0805, 0.4928,
0.2556

■ 88.4261, 0.2730,
0.3332

■ 10.5501, 0.5166,
0.2620

■ 88.6813, 0.2711,
0.3289

Harmonies

Analogous

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



38.7260, 0.3101, 0.3090



38.7260, 0.3237, 0.3169



38.7260, 0.3345, 0.3279

Triad

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



38.7260, 0.3237, 0.3169



38.7260, 0.3278, 0.3527



38.7260, 0.2868, 0.3176

Complementary

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



38.7260, 0.3237, 0.3169



44.1424, 0.3029, 0.3414

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.



38.7260, 0.2914, 0.3295



38.7260, 0.3237, 0.3169



38.7260, 0.3149, 0.3502

Square

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



38.7260, 0.3237, 0.3169



38.7260, 0.3368, 0.3486



38.7260, 0.3016, 0.3416



38.7260, 0.2891, 0.3092

Rectangle

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



38.7260, 0.3237, 0.3169



38.7260, 0.3385, 0.3358



38.7260, 0.3016, 0.3416



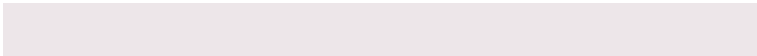
38.7260, 0.2876, 0.3213

Sweetspot

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



38.7277, 0.3237, 0.3169



80.5407, 0.3155, 0.3257



38.0673, 0.3054, 0.3018



17.5460, 0.3163, 0.3248



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.



38.7277, 0.3237, 0.3169



67.5058, 0.3263, 0.3143



38.6314, 0.3318, 0.3300



9.0777, 0.3219, 0.3187



7.4663, 0.5138, 0.2604



0.2757, 0.4516, 0.2262

Inverse Universe

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



38.7277, 0.3237, 0.3169



67.5058, 0.3263, 0.3143



44.2304, 0.2961, 0.3280



9.0777, 0.3219, 0.3187



7.4663, 0.5138, 0.2604



0.2757, 0.4516, 0.2262

Previews

White Background



This preview shows how the Yxy color 38.7260, 0.3237, 0.3169 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 38.7260, 0.3237, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

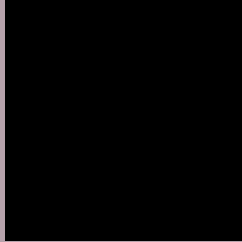
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7260, 0.3237, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 38.7260, 0.3237, 0.3169.



This preview shows how white text looks on a background with the Yxy color 38.7260, 0.3237, 0.3169.

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

38.7260, 0.3237, 0.3169

Protanopia

38.6533, 0.3077, 0.3178

Deuteranopia

38.7260, 0.3237, 0.3169



Tritanopia

38.8417, 0.3210, 0.3129

Trichromacy



Original Color

38.7260, 0.3237, 0.3169

Protanomaly

38.8116, 0.3132, 0.3180

Deuteranomaly

38.7260, 0.3237, 0.3169

Tritanomaly

38.8029, 0.3219, 0.3142

Monochromacy



Original Color

38.7260, 0.3237, 0.3169

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.1734, 0.3167, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7260, 0.3237, 0.3169 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, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(182, 162, 171)  
}
```

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, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 162, 171) }
```

Border

The CSS property to change the border of an element to Yxy 38.7260, 0.3237, 0.3169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

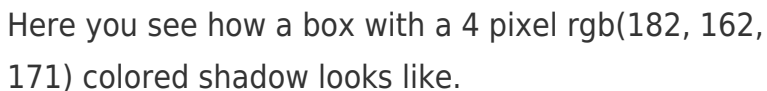
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 162, 171) }
```

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

```
.border{ border-color:rgb(182, 162, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 162, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 162, 171); box-shadow:4px 4px 4px 4px rgb(182, 162, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7260, 0.3237, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 162, 171) }
```

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

```
.background{ background-color: rgb(182,  
162, 171) }
```

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