

Converting Colors

$Yxy(38.8522, 0.3386, 0.3270)$

Have a look what the booklet for
Yxy(38.8522, 0.3386, 0.3270)
contains.

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Color

Yxy(38.9172, 0.3390, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	BDA1A2
RGB	189, 161, 162
RGB Percent	74%, 63%, 64%
CMY	0.2587, 0.3687, 0.3646
CMYK	0.00, 0.15, 0.14, 0.26
HSL	358°, 18%, 69%
HSV	358°, 15%, 74%
XYZ	40.2592, 38.9172, 39.5822
YIQ	169.4860, 16.3670, 6.2470

Conversions

Conversions Part 2

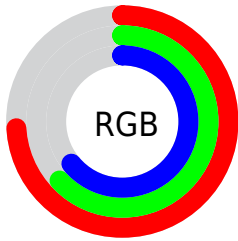
Format	Color
RYB	189, 161, 162
Decimal	12427682
CIELab	68.69, 10.45, 3.28
CIElCh	69, 10.956, 17.421
Yxy	38.9172, 0.3390, 0.3277
Android (android.graphics.Color)	4290617762 (0xFFBDA1A2)
YUV	169.4860, -3.6906, 17.1138
Hunter-Lab	62.3837, 6.0232, 6.0492




Details

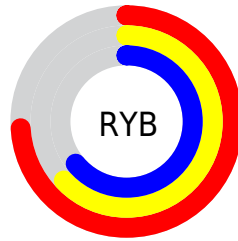
The Yxy color **38.9172, 0.3390, 0.3277** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6140, 0.2912, 0.3303**, and the grayscale version is **39.9447, 0.3127, 0.3290**.




A 20% lighter version of the original color is **73.5340, 0.3334, 0.3280**, and **17.2140, 0.3474, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **32.2030, 0.3623, 0.3268**, and if you desaturate by 10%, it is **46.7273, 0.3203, 0.3286**.

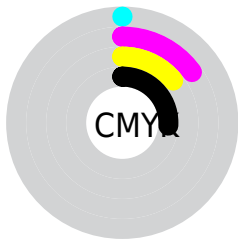
Distribution







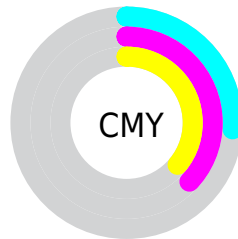
-  Red (74%)
-  Green (63%)
-  Blue (64%)






-  Red (74%)
-  Yellow (63%)
-  Blue (64%)



-  Cyan (0%)
-  Magenta (15%)
-  Yellow (14%)
-  Black (26%)





-  Cyan (26%)
-  Magenta (37%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9172, 0.3390, 0.3277 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 38.9172, 0.3390, 0.3277 by changing the saturation by 10% instead.

 38.9172, 0.3390,
0.3277


 38.9172, 0.3390,
0.3277


341.5383, 0.3254,
0.3285

 26.6953, 0.3426,
0.3275


 73.5118, 0.3339,
0.3280

 17.3445, 0.3472,
0.3271


 96.6533, 0.3321,
0.3281

 10.4804, 0.3536,
0.3266


124.2035, 0.3305,
0.3282

 5.7186, 0.3629,
0.3258

156.5468, 0.3292,
0.3283

 2.6748, 0.3775,
0.3243

194.0675, 0.3280,
0.3284

 0.9644, 0.4051,
0.3218

237.1501, 0.3271,

 0.0000, 1.0000,

0.3284

0.0000

286.1789, 0.3262,
0.3284

■ 0.0000, 0.0000,
0.0000

■ 38.9172, 0.3390,
0.3277

■ 38.9172, 0.3390,
0.3277

■ 32.2030, 0.3623,
0.3268

■ 46.7273, 0.3203,
0.3286

■ 26.5309, 0.3911,
0.3259

■ 55.6739, 0.3054,
0.3294

■ 21.8502, 0.4261,
0.3250

■ 65.8016, 0.2934,
0.3302

■ 18.1040, 0.4674,
0.3244

■ 77.1513, 0.2836,
0.3309

■ 15.2296, 0.5133,
0.3243

■ 89.4383, 0.2756,
0.3309

■ 13.1567, 0.5596,
0.3248

■ 89.5623, 0.2747,
0.3289

■ 11.8039, 0.5998,
0.3259

■ 11.0729, 0.6272,
0.3277

■ 10.8375, 0.6363,
0.3279

Harmonies

Analogous

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



38.9172, 0.3260, 0.3145



38.9172, 0.3390, 0.3277



38.9172, 0.3448, 0.3416

Triad

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



38.9172, 0.3390, 0.3277



38.9172, 0.3152, 0.3546



38.9172, 0.2843, 0.3051

Complementary

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



38.9172, 0.3390, 0.3277



47.6140, 0.2912, 0.3303

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.



38.9172, 0.2817, 0.3151



38.9172, 0.3390, 0.3277



38.9172, 0.2992, 0.3442

Square

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



38.9172, 0.3390, 0.3277



38.9172, 0.3308, 0.3576



38.9172, 0.2870, 0.3295



38.9172, 0.2944, 0.3016

Rectangle

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



38.9172, 0.3390, 0.3277



38.9172, 0.3438, 0.3495



38.9172, 0.2870, 0.3295



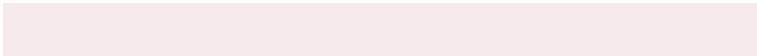
38.9172, 0.2825, 0.3078

Sweetspot

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



38.9189, 0.3390, 0.3277



84.8172, 0.3191, 0.3287



39.8064, 0.3131, 0.2927



17.9950, 0.3203, 0.3286



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.



38.9189, 0.3390, 0.3277



65.3079, 0.3465, 0.3274



43.5163, 0.3375, 0.3457



9.5419, 0.3283, 0.3282



7.2920, 0.6354, 0.3274



0.2876, 0.6178, 0.3177

Inverse Universe

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



38.9189, 0.3390, 0.3277



65.3079, 0.3465, 0.3274



42.4640, 0.2899, 0.3117



9.5419, 0.3283, 0.3282



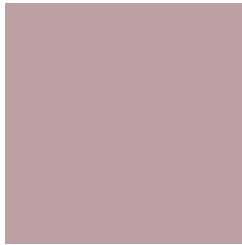
7.2920, 0.6354, 0.3274



0.2876, 0.6178, 0.3177

Previews

White Background



This preview shows how the Yxy color 38.9172, 0.3390, 0.3277 looks on a white background.

Color Contrast Check

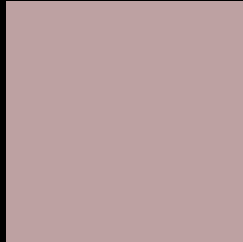
Large Text (above 18pt) WCAG AA × Fail

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 38.9172, 0.3390, 0.3277 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 38.9172, 0.3390, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 38.9172, 0.3390, 0.3277.



This preview shows how white text looks on a background with the Yxy color 38.9172, 0.3390, 0.3277.

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

38.9172, 0.3390, 0.3277

Protanopia

39.0120, 0.3181, 0.3318

Deuteranopia

38.8884, 0.3359, 0.3291



Tritanopia

38.7220, 0.3309, 0.3119

Trichromacy



Original Color

38.9172, 0.3390, 0.3277

Protanomaly

39.0556, 0.3258, 0.3304

Deuteranomaly

39.0141, 0.3368, 0.3291

Tritanomaly

38.9159, 0.3345, 0.3185

Monochromacy



Original Color

38.9172, 0.3390, 0.3277

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.2557, 0.3221, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9172, 0.3390, 0.3277 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(189, 161, 162)` looks like.

```
.text, #text, p{  
    color:rgb(189, 161, 162)  
}
```

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(189, 161, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 161, 162) }
```

Border

The CSS property to change the border of an element to Yxy 38.9172, 0.3390, 0.3277 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(189, 161, 162) }
```

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

```
.border{ border-color:rgb(189, 161, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 161, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 161, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 161, 162);  
box-shadow:4px 4px 4px 4px rgb(189, 161,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9172, 0.3390, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 161, 162) }
```

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

```
.background{ background-color: rgb(189,  
161, 162) }
```

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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