

Converting Colors

$Yxy(38.8191, 0.3384, 0.3372)$

Have a look what the booklet for
Yxy(38.8191, 0.3384, 0.3372)
contains.

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Color

Yxy(38.8191, 0.3384, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	B8A39D
RGB	184, 163, 157
RGB Percent	72%, 64%, 62%
CMY	0.2783, 0.3608, 0.3842
CMYK	0.00, 0.11, 0.15, 0.28
HSL	13°, 16%, 67%
HSV	13°, 15%, 72%
XYZ	38.9572, 38.8191, 37.3455
YIQ	168.5950, 14.4420, 2.5860

Conversions

Conversions Part 2

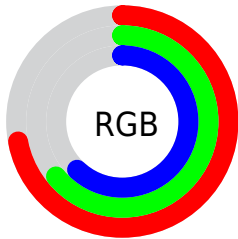
Format	Color
RYB	184, 165, 157
Decimal	12100509
CIELab	68.62, 6.67, 5.90
CIElCh	69, 8.903, 41.494
Yxy	38.8191, 0.3384, 0.3372
Android (android.graphics.Color)	4290290589 (0xFFB8A39D)
YUV	168.5950, -5.7163, 13.5102
Hunter-Lab	62.3050, 2.5765, 8.0751

Details

The Yxy color **38.8191, 0.3384, 0.3372** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4970, 0.2905, 0.3207**, and the grayscale version is **39.4922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4215, 0.3329, 0.3354**, and **17.2348, 0.3466, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **33.4339, 0.3603, 0.3432**, and if you desaturate by 10%, it is **44.8794, 0.3202, 0.3315**.

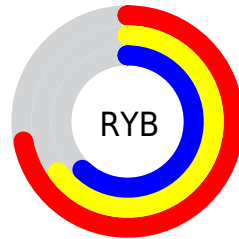
Distribution



Red (72%)

Green (64%)

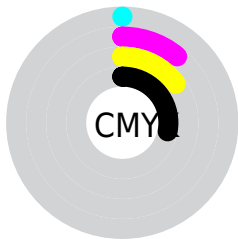
Blue (62%)



Red (72%)

Yellow (65%)

Blue (62%)

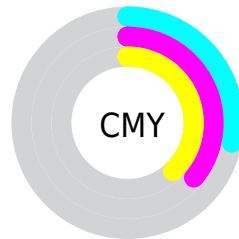


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8191, 0.3384, 0.3372 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 38.8191, 0.3384, 0.3372 by changing the saturation by 10% instead.

 38.8191, 0.3384,
0.3372


 38.8191, 0.3384,
0.3372


341.1208, 0.3251,
0.3331

 26.6190, 0.3419,
0.3382


 73.3619, 0.3335,
0.3357

 17.2873, 0.3464,
0.3395

 96.4734, 0.3316,
0.3352

 10.4395, 0.3527,
0.3413


123.9908, 0.3301,
0.3347

 5.6914, 0.3618,
0.3437

156.2986, 0.3288,
0.3343

 2.6583, 0.3762,
0.3472

193.7811, 0.3277,
0.3339

 0.9561, 0.4080,
0.3576

236.8227, 0.3267,

 0.0000, 1.0000,

0.3336

0.0000

285.8078, 0.3259,
0.3333

■ 0.0000, 0.0000,
0.0000

■ 38.8191, 0.3384,
0.3372

■ 38.8191, 0.3384,
0.3372

■ 33.4339, 0.3603,
0.3432

■ 44.8794, 0.3202,
0.3315

■ 28.6953, 0.3865,
0.3493

■ 51.6320, 0.3050,
0.3263

■ 24.5802, 0.4173,
0.3552

■ 59.0996, 0.2924,
0.3214

■ 21.0622, 0.4527,
0.3602

■ 67.3026, 0.2818,
0.3170

■ 18.1131, 0.4918,
0.3636

■ 76.2604, 0.2729,
0.3130

■ 15.7022, 0.5320,
0.3643

■ 85.1645, 0.2715,
0.3224

■ 13.7957, 0.5697,
0.3614

■ 88.9345, 0.2721,
0.3289

■ 12.3559, 0.6002,
0.3549

■ 11.7590, 0.6136,
0.3510

Harmonies

Analogous

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



38.8191, 0.3324, 0.3257



38.8191, 0.3384, 0.3372



38.8191, 0.3374, 0.3468

Triad

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



38.8191, 0.3384, 0.3372



38.8191, 0.3042, 0.3433



38.8191, 0.2958, 0.3067

Complementary

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



38.8191, 0.3384, 0.3372



42.4970, 0.2905, 0.3207

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.



38.8191, 0.2886, 0.3108



38.8191, 0.3384, 0.3372



38.8191, 0.2934, 0.3319

Square

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



38.8191, 0.3384, 0.3372



38.8191, 0.3174, 0.3507



38.8191, 0.2877, 0.3199



38.8191, 0.3076, 0.3084

Rectangle

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



38.8191, 0.3384, 0.3372



38.8191, 0.3328, 0.3509



38.8191, 0.2877, 0.3199



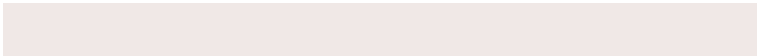
38.8191, 0.2928, 0.3074

Sweetspot

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



38.8208, 0.3384, 0.3372



82.0361, 0.3191, 0.3312



37.5363, 0.3197, 0.3008



17.4971, 0.3204, 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.



38.8208, 0.3384, 0.3372



66.6713, 0.3459, 0.3393



43.8291, 0.3358, 0.3550



9.3257, 0.3282, 0.3341



8.1897, 0.6116, 0.3526



0.3822, 0.5618, 0.3921

Inverse Universe

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



42.4970, 0.2905, 0.3207



74.7666, 0.2851, 0.3184



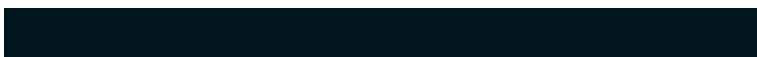
37.4244, 0.2898, 0.3016



9.8646, 0.2985, 0.3238



16.0982, 0.2048, 0.2572



0.6521, 0.2105, 0.2777

Previews

White Background



This preview shows how the Yxy color 38.8191, 0.3384, 0.3372 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 38.8191, 0.3384, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

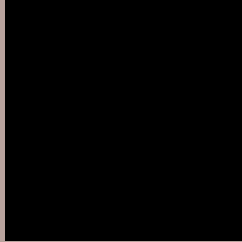
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8191, 0.3384, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 38.8191, 0.3384, 0.3372.



This preview shows how white text looks on a background with the Yxy color 38.8191, 0.3384, 0.3372.

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

38.8191, 0.3384, 0.3372

Protanopia

38.9113, 0.3243, 0.3403

Deuteranopia

38.8398, 0.3415, 0.3358



Tritanopia

38.9460, 0.3259, 0.3131

Trichromacy



Original Color

38.8191, 0.3384, 0.3372

Protanomaly

38.9712, 0.3292, 0.3402

Deuteranomaly

38.7141, 0.3406, 0.3359

Tritanomaly

38.9450, 0.3303, 0.3223

Monochromacy



Original Color

38.8191, 0.3384, 0.3372

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3527, 0.3209, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8191, 0.3384, 0.3372 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(184, 163, 157)` looks like.

```
.text, #text, p{  
    color:rgb(184, 163, 157)  
}
```

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(184, 163, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 163, 157) }
```

Border

The CSS property to change the border of an element to Yxy 38.8191, 0.3384, 0.3372 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(184, 163, 157) }
```

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

```
.border{ border-color:rgb(184, 163, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 163, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 163, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 163, 157);  
box-shadow:4px 4px 4px 4px rgb(184, 163,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8191, 0.3384, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 163, 157) }
```

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

```
.background{ background-color: rgb(184,  
163, 157) }
```

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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