

Converting Colors

$Yxy(38.8124, 0.3368, 0.3394)$

Have a look what the booklet for
Yxy(38.8124, 0.3368, 0.3394)
contains.

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Color

Yxy(38.8963, 0.3372, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	B6A49C
RGB	182, 164, 156
RGB Percent	71%, 64%, 61%
CMY	0.2861, 0.3569, 0.3882
CMYK	0.00, 0.10, 0.14, 0.29
HSL	18°, 15%, 66%
HSV	18°, 14%, 71%
XYZ	38.5760, 38.8963, 36.9286
YIQ	168.4700, 13.2960, 1.3280

Conversions

Conversions Part 2

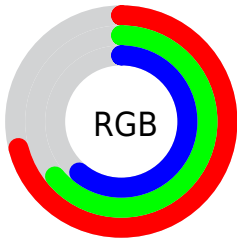
Format	Color
RYB	182, 168, 156
Decimal	11969692
CIELab	68.68, 5.21, 6.52
CIELCh	69, 8.345, 51.358
Yxy	38.8963, 0.3372, 0.3400
Android (android.graphics.Color)	4290159772 (0xFFB6A49C)
YUV	168.4700, -6.1477, 11.8658
Hunter-Lab	62.3669, 1.2660, 8.5501

Details

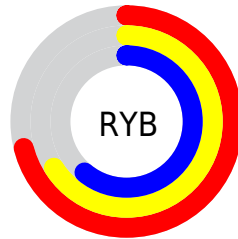
The Yxy color **38.8963, 0.3372, 0.3400** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7443, 0.2909, 0.3177**, and the grayscale version is **39.4303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4933, 0.3327, 0.3386**, and **17.2754, 0.3448, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **34.0308, 0.3582, 0.3482**, and if you desaturate by 10%, it is **44.3063, 0.3195, 0.3322**.

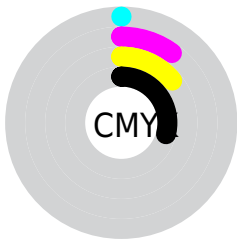
Distribution



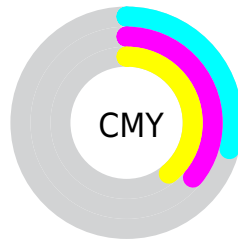
- Red (71%)
- Green (64%)
- Blue (61%)



- Red (71%)
- Yellow (66%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (29%)





- Cyan (29%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8963, 0.3372, 0.3400 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 38.8963, 0.3372, 0.3400 by changing the saturation by 10% instead.


 38.8963, 0.3372,
0.3400


 38.8963, 0.3372,
0.3400


341.4494, 0.3245,
0.3344

 26.6791, 0.3405,
0.3414


 73.4799, 0.3325,
0.3380

 17.3323, 0.3449,
0.3432


 96.6150, 0.3308,
0.3372

 10.4717, 0.3508,
0.3456


124.1582, 0.3293,
0.3366

 5.7128, 0.3594,
0.3491

156.4939, 0.3281,
0.3360

 2.6713, 0.3731,
0.3542

194.0065, 0.3270,
0.3355

 0.9626, 0.4048,
0.3690

237.0803, 0.3261,

 0.0000, 0.0000,

0.3351

0.0000

286.0998, 0.3253,
0.3348

■ 38.8963, 0.3372,
0.3400

■ 38.8963, 0.3372,
0.3400

■ 34.0308, 0.3582,
0.3482

■ 44.3063, 0.3195,
0.3322

■ 29.6873, 0.3828,
0.3566

■ 50.2718, 0.3045,
0.3249

■ 25.8497, 0.4113,
0.3648

■ 56.8101, 0.2919,
0.3183

■ 22.4988, 0.4436,
0.3720

■ 63.9363, 0.2812,
0.3121

■ 19.6143, 0.4789,
0.3773

■ 71.6648, 0.2720,
0.3066

■ 17.1741, 0.5154,
0.3796

■ 79.3328, 0.2693,
0.3122

■ 15.1543, 0.5502,
0.3776

■ 87.0147, 0.2708,
0.3260

■ 13.5283, 0.5797,
0.3710

■ 88.6908, 0.2711,
0.3289

■ 12.7607, 0.5944,
0.3663

Harmonies

Analogous

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



38.8963, 0.3336, 0.3295



38.8963, 0.3372, 0.3400



38.8963, 0.3340, 0.3479

Triad

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



38.8963, 0.3372, 0.3400



38.8963, 0.3010, 0.3392



38.8963, 0.3001, 0.3080

Complementary

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



38.8963, 0.3372, 0.3400



40.7443, 0.2909, 0.3177

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.



38.8963, 0.2917, 0.3101



38.8963, 0.3372, 0.3400



38.8963, 0.2922, 0.3279

Square

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



38.8963, 0.3372, 0.3400



38.8963, 0.3130, 0.3476



38.8963, 0.2888, 0.3173



38.8963, 0.3121, 0.3113

Rectangle

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



38.8963, 0.3372, 0.3400



38.8963, 0.3286, 0.3504



38.8963, 0.2888, 0.3173



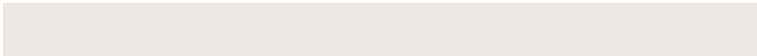
38.8963, 0.2968, 0.3081

Sweetspot

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



38.8980, 0.3372, 0.3400



80.5257, 0.3191, 0.3320



36.7945, 0.3215, 0.3044



17.6145, 0.3203, 0.3326



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.



38.8980, 0.3372, 0.3400



67.7501, 0.3431, 0.3424



43.7318, 0.3348, 0.3571



9.4493, 0.3280, 0.3361



9.1114, 0.5923, 0.3679



0.4343, 0.5404, 0.4091

Inverse Universe

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



40.7443, 0.2909, 0.3177



71.7085, 0.2864, 0.3152



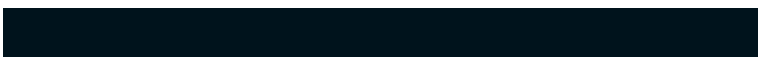
36.0121, 0.2903, 0.2992



9.7334, 0.2985, 0.3218



13.0815, 0.1965, 0.2272



0.5652, 0.2046, 0.2566

Previews

White Background



This preview shows how the Yxy color 38.8963, 0.3372, 0.3400 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 38.8963, 0.3372, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

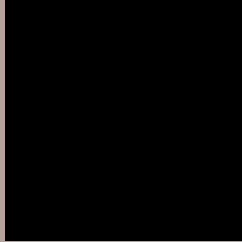
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8963, 0.3372, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 38.8963, 0.3372, 0.3400.



This preview shows how white text looks on a background with the Yxy color 38.8963, 0.3372, 0.3400.

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

38.8963, 0.3372, 0.3400

Protanopia

38.9903, 0.3262, 0.3416

Deuteranopia

38.9323, 0.3435, 0.3372



Tritanopia

38.7361, 0.3230, 0.3117

Trichromacy



Original Color

38.8963, 0.3372, 0.3400

Protanomaly

38.9369, 0.3301, 0.3416

Deuteranomaly

39.0338, 0.3413, 0.3386

Tritanomaly

38.6980, 0.3283, 0.3223

Monochromacy



Original Color

38.8963, 0.3372, 0.3400

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.2020, 0.3209, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8963, 0.3372, 0.3400 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, 164, 156)` looks like.

```
.text, #text, p{  
    color:rgb(182, 164, 156)  
}
```

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, 164, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 164, 156) }
```

Border

The CSS property to change the border of an element to Yxy 38.8963, 0.3372, 0.3400 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, 164, 156) }
```

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

```
.border{ border-color:rgb(182, 164, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 164, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 164, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 164, 156);  
box-shadow:4px 4px 4px 4px rgb(182, 164,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8963, 0.3372, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 164, 156) }
```

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

```
.background{ background-color: rgb(182,  
164, 156) }
```

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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