

Converting Colors

$Yxy(38.7375, 0.3464, 0.3451)$

Have a look what the booklet for
Yxy(38.7375, 0.3464, 0.3451)
contains.

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Color

Yxy(38.8679, 0.3460, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	BAA397
RGB	186, 163, 151
RGB Percent	73%, 64%, 59%
CMY	0.2705, 0.3608, 0.4079
CMYK	0.00, 0.12, 0.19, 0.27
HSL	21°, 20%, 66%
HSV	21°, 19%, 73%
XYZ	38.9354, 38.8679, 34.7268
YIQ	168.5090, 17.5600, 1.1440

Conversions

Conversions Part 2

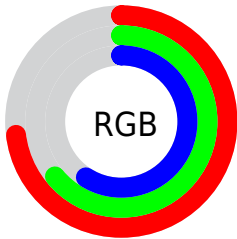
Format	Color
RYB	186, 169, 151
Decimal	12231575
CIELab	68.66, 6.45, 9.31
CIELCh	69, 11.325, 55.306
Yxy	38.8679, 0.3460, 0.3454
Android (android.graphics.Color)	4290421655 (0xFFBAA397)
YUV	168.5090, -8.6319, 15.3396
Hunter-Lab	62.3441, 2.3754, 10.6153

Details

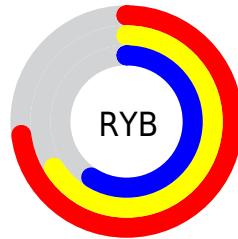
The Yxy color $38.8679, 0.3460, 0.3454$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.4026, 0.2839, 0.3120$, and the grayscale version is $39.4596, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.4278, 0.3394, 0.3427$, and $17.1945, 0.3561, 0.3499$ is the 20% darker color. If you saturate the color by 10%, you get $34.1782, 0.3682, 0.3547$, and if you desaturate by 10%, it is $44.0762, 0.3271, 0.3365$.

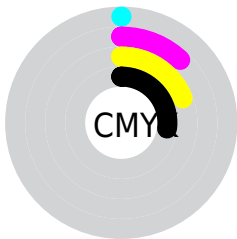
Distribution



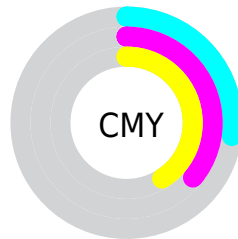
- Red (73%)
- Green (64%)
- Blue (59%)



- Red (73%)
- Yellow (66%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (19%)
- Black (27%)





- Cyan (27%)
- Magenta (36%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8679, 0.3460, 0.3454 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 38.8679, 0.3460, 0.3454 by changing the saturation by 10% instead.


 38.8679, 0.3460,
0.3454


 38.8679, 0.3460,
0.3454


341.3285, 0.3288,
0.3372

 26.6570, 0.3505,
0.3475


 73.4365, 0.3396,
0.3424

 17.3158, 0.3564,
0.3501


 96.5629, 0.3372,
0.3413

 10.4599, 0.3645,
0.3537


124.0966, 0.3352,
0.3403

 5.7049, 0.3762,
0.3586

156.4221, 0.3336,
0.3395

 2.6665, 0.3946,
0.3658

193.9236, 0.3321,
0.3388

 0.9602, 0.4460,
0.3933

236.9856, 0.3308,

 0.0000, 1.0000,

0.3382

0.0000

285.9924, 0.3297,
0.3376

0.0000, 0.0000,
0.0000

38.8679, 0.3460,
0.3454

38.8679, 0.3460,
0.3454

34.1782, 0.3682,
0.3547

44.0762, 0.3271,
0.3365

29.9857, 0.3939,
0.3640

49.8134, 0.3110,
0.3280

26.2747, 0.4233,
0.3728

56.0962, 0.2973,
0.3203

23.0271, 0.4558,
0.3802

62.9388, 0.2857,
0.3131

20.2233, 0.4903,
0.3850

70.3549, 0.2757,
0.3066

■ 17.8422, 0.5248,
0.3861

■ 77.8580, 0.2711,
0.3086

■ 15.8606, 0.5562,
0.3824

■ 85.1554, 0.2725,
0.3220

■ 14.2483, 0.5824,
0.3744

■ 89.1811, 0.2731,
0.3289

■ 14.0801, 0.5854,
0.3734

Harmonies

Analogous

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



38.8679, 0.3423, 0.3315



38.8679, 0.3460, 0.3454



38.8679, 0.3405, 0.3555

Triad

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



38.8679, 0.3460, 0.3454



38.8679, 0.2949, 0.3409



38.8679, 0.2975, 0.3009

Complementary

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



38.8679, 0.3460, 0.3454



40.4026, 0.2839, 0.3120

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.



38.8679, 0.2854, 0.3026



38.8679, 0.3460, 0.3454



38.8679, 0.2839, 0.3254

Square

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



38.8679, 0.3460, 0.3454



38.8679, 0.3108, 0.3533



38.8679, 0.2805, 0.3114



38.8679, 0.3140, 0.3063

Rectangle

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



38.8679, 0.3460, 0.3454



38.8679, 0.3324, 0.3585



38.8679, 0.2805, 0.3114



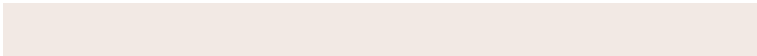
38.8679, 0.2928, 0.3007

Sweetspot

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



38.8696, 0.3460, 0.3454



82.6133, 0.3224, 0.3341



35.6430, 0.3258, 0.2978



18.0466, 0.3235, 0.3347



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.



38.8696, 0.3460, 0.3454



66.4533, 0.3557, 0.3496



45.3906, 0.3419, 0.3678



9.5020, 0.3279, 0.3369



9.5978, 0.5830, 0.3753



0.4563, 0.5324, 0.4155

Inverse Universe

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



40.4026, 0.2839, 0.3120



69.7894, 0.2769, 0.3074



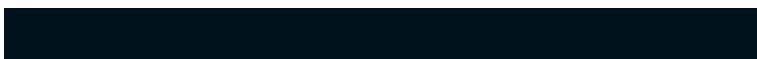
34.1828, 0.2825, 0.2869



9.6782, 0.2985, 0.3210



11.9348, 0.1929, 0.2144



0.5310, 0.2021, 0.2474

Previews

White Background



This preview shows how the Yxy color 38.8679, 0.3460, 0.3454 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 38.8679, 0.3460, 0.3454 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

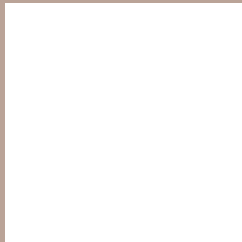
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.8679, 0.3460, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 38.8679, 0.3460, 0.3454.



This preview shows how white text looks on a background with the Yxy color 38.8679, 0.3460, 0.3454.

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

38.8679, 0.3460, 0.3454

Protanopia

38.9360, 0.3316, 0.3487

Deuteranopia

39.0222, 0.3502, 0.3439



Tritanopia

38.9390, 0.3298, 0.3132

Trichromacy



Original Color

38.8679, 0.3460, 0.3454

Protanomaly

39.0044, 0.3365, 0.3485

Deuteranomaly

38.8938, 0.3492, 0.3439

Tritanomaly

38.8614, 0.3361, 0.3251

Monochromacy



Original Color

38.8679, 0.3460, 0.3454

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3600, 0.3245, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8679, 0.3460, 0.3454 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(186, 163, 151)` looks like.

```
.text, #text, p{  
    color:rgb(186, 163, 151)  
}
```

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(186, 163, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 163, 151) }
```

Border

The CSS property to change the border of an element to Yxy 38.8679, 0.3460, 0.3454 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(186, 163, 151) }
```

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

```
.border{ border-color:rgb(186, 163, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 163, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 163, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 163, 151);  
box-shadow:4px 4px 4px 4px rgb(186, 163,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8679, 0.3460, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 163, 151) }
```

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

```
.background{ background-color: rgb(186,  
163, 151) }
```

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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