

Converting Colors

$Yxy(38.3261, 0.3380, 0.3434)$

Have a look what the booklet for
Yxy(38.3261, 0.3380, 0.3434)
contains.

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Color

Yxy(38.1976, 0.3382, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	B4A399
RGB	180, 163, 153
RGB Percent	71%, 64%, 60%
CMY	0.2940, 0.3608, 0.4000
CMYK	0.00, 0.09, 0.15, 0.29
HSL	22°, 15%, 65%
HSV	22°, 15%, 71%
XYZ	37.6740, 38.1976, 35.5241
YIQ	166.9430, 13.3420, 0.4940

Conversions

Conversions Part 2

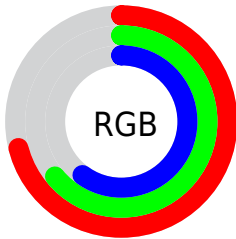
Format	Color
RYB	180, 169, 153
Decimal	11838361
CIELab	68.17, 4.50, 7.43
CIElCh	68, 8.687, 58.787
Yxy	38.1976, 0.3382, 0.3429
Android (android.graphics.Color)	4290028441 (0xFFB4A399)
YUV	166.9430, -6.8739, 11.4510
Hunter-Lab	61.8042, 0.6510, 9.1840

Details

The Yxy color **38.1976, 0.3382, 0.3429** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8308, 0.2898, 0.3147**, and the grayscale version is **38.6459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4807, 0.3335, 0.3408**, and **16.8402, 0.3463, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **33.7988, 0.3588, 0.3528**, and if you desaturate by 10%, it is **43.0510, 0.3206, 0.3335**.

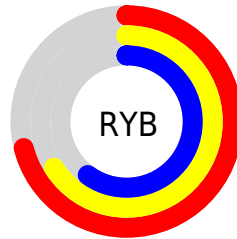
Distribution



Red (71%)

Green (64%)

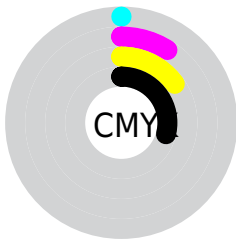
Blue (60%)



Red (71%)

Yellow (66%)

Blue (60%)

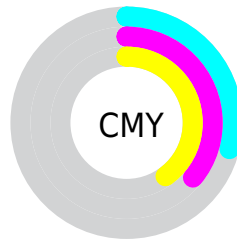


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1976, 0.3382, 0.3429 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 38.1976, 0.3382, 0.3429 by changing the saturation by 10% instead.


 38.1976, 0.3382,
0.3429


 38.1976, 0.3382,
0.3429


338.4669, 0.3250,
0.3358

 26.1361, 0.3417,
0.3447


 72.4109, 0.3333,
0.3403

 16.9255, 0.3462,
0.3470


 95.3315, 0.3315,
0.3393

 10.1814, 0.3525,
0.3502


122.6406, 0.3299,
0.3385

 5.5194, 0.3616,
0.3546

154.7225, 0.3287,
0.3378

 2.5551, 0.3760,
0.3614

191.9617, 0.3275,
0.3372

 0.9041, 0.4161,
0.3856

234.7426, 0.3266,

 0.0000, 0.0000,

0.3367

0.0000

283.4495, 0.3257,
0.3362

■ 38.1976, 0.3382,
0.3429

■ 38.1976, 0.3382,
0.3429

■ 33.7988, 0.3588,
0.3528

■ 43.0510, 0.3206,
0.3335

■ 29.8361, 0.3826,
0.3629

■ 48.3668, 0.3055,
0.3247

■ 26.2970, 0.4098,
0.3726

■ 54.1590, 0.2927,
0.3166

■ 23.1666, 0.4402,
0.3813

■ 60.4395, 0.2817,
0.3091

■ 20.4288, 0.4729,
0.3879

■ 67.2196, 0.2722,
0.3023

■ 18.0664, 0.5063,
0.3911

■ 74.1166, 0.2672,
0.3025

■ 16.0609, 0.5381,
0.3899

■ 80.6774, 0.2686,
0.3152

■ 14.3910, 0.5653,
0.3836

■ 87.6575, 0.2699,
0.3275

■ 13.6704, 0.5777,
0.3795

■ 88.4466, 0.2701,
0.3289

Harmonies

Analogous

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



38.1976, 0.3362, 0.3323



38.1976, 0.3382, 0.3429



38.1976, 0.3332, 0.3501

Triad

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



38.1976, 0.3382, 0.3429



38.1976, 0.2977, 0.3369



38.1976, 0.3024, 0.3074

Complementary

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



38.1976, 0.3382, 0.3429



38.8308, 0.2898, 0.3147

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.



38.1976, 0.2924, 0.3081



38.1976, 0.3382, 0.3429



38.1976, 0.2898, 0.3249

Square

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



38.1976, 0.3382, 0.3429



38.1976, 0.3097, 0.3468



38.1976, 0.2879, 0.3144



38.1976, 0.3153, 0.3122

Rectangle

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



38.1976, 0.3382, 0.3429



38.1976, 0.3267, 0.3518



38.1976, 0.2879, 0.3144



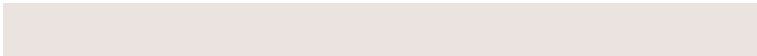
38.1976, 0.2986, 0.3070

Sweetspot

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



38.1993, 0.3382, 0.3429



77.9667, 0.3207, 0.3336



35.3962, 0.3236, 0.3056



16.7143, 0.3218, 0.3342



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.1993, 0.3382, 0.3429



66.5222, 0.3446, 0.3461



43.2239, 0.3355, 0.3609



9.0029, 0.3278, 0.3375



9.6570, 0.5755, 0.3812



0.4178, 0.5225, 0.4233

Inverse Universe

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



38.8308, 0.2898, 0.3147



67.8850, 0.2847, 0.3112



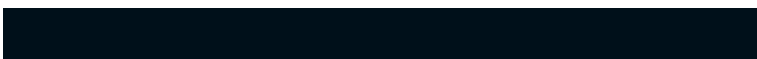
34.0492, 0.2891, 0.2950



9.0927, 0.2986, 0.3204



10.7428, 0.1903, 0.2050



0.4450, 0.2010, 0.2436

Previews

White Background



This preview shows how the Yxy color 38.1976, 0.3382, 0.3429 looks on a white background.

Color Contrast Check

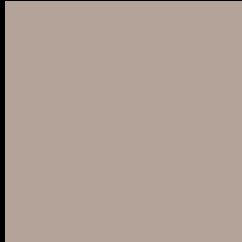
Large Text (above 18pt) WCAG AA × Fail

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 38.1976, 0.3382, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

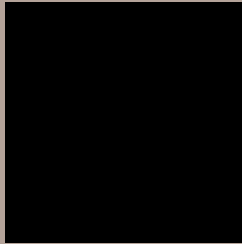
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1976, 0.3382, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 38.1976, 0.3382, 0.3429.



This preview shows how white text looks on a background with the Yxy color 38.1976, 0.3382, 0.3429.

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

38.1976, 0.3382, 0.3429

Protanopia

38.3762, 0.3289, 0.3460

Deuteranopia

38.0395, 0.3448, 0.3372



Tritanopia

38.2260, 0.3231, 0.3116

Trichromacy



Original Color

38.1976, 0.3382, 0.3429

Protanomaly

38.3573, 0.3320, 0.3445

Deuteranomaly

38.0132, 0.3416, 0.3387

Tritanomaly

38.1880, 0.3284, 0.3223

Monochromacy



Original Color

38.1976, 0.3382, 0.3429

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6517, 0.3218, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1976, 0.3382, 0.3429 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(180, 163, 153)` looks like.

```
.text, #text, p{  
    color:rgb(180, 163, 153)  
}
```

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(180, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 153) }
```

Border

The CSS property to change the border of an element to Yxy 38.1976, 0.3382, 0.3429 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(180, 163, 153) }
```

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

```
.border{ border-color:rgb(180, 163, 153) }
```

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

Here you see how a box with a 4 pixel rgb(180, 163, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(180, 163,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1976, 0.3382, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 163, 153) }
```

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

```
.background{ background-color: rgb(180,  
163, 153) }
```

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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