

Converting Colors

$Yxy(38.3837, 0.3394, 0.3480)$

Have a look what the booklet for
Yxy(38.3837, 0.3394, 0.3480)
contains.

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Color

Yxy(38.3366, 0.3398, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	B3A496
RGB	179, 164, 150
RGB Percent	70%, 64%, 59%
CMY	0.2979, 0.3569, 0.4117
CMYK	0.00, 0.08, 0.16, 0.30
HSL	29°, 16%, 65%
HSV	29°, 16%, 70%
XYZ	37.3796, 38.3366, 34.2884
YIQ	166.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

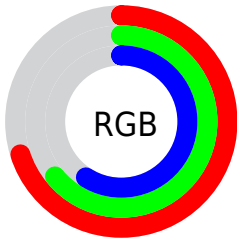
Format	Color
RYB	179, 177, 150
Decimal	11773078
CIELab	68.27, 3.10, 9.22
CIELCh	68, 9.729, 71.402
Yxy	38.3366, 0.3398, 0.3485
Android (android.graphics.Color)	4289963158 (0xFFB3A496)
YUV	166.8890, -8.3263, 10.6213
Hunter-Lab	61.9166, -0.5920, 10.5077

Details

The Yxy color **38.3366, 0.3398, 0.3485** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6779, 0.2877, 0.3087**, and the grayscale version is **38.6267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6848, 0.3347, 0.3451**, and **16.9248, 0.3486, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **34.6016, 0.3596, 0.3613**, and if you desaturate by 10%, it is **42.4059, 0.3224, 0.3363**.

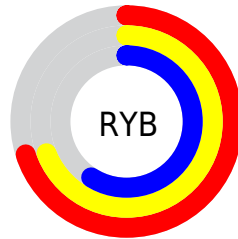
Distribution



Red (70%)

Green (64%)

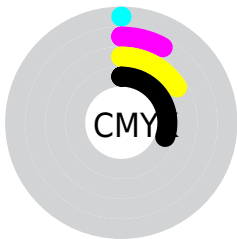
Blue (59%)



Red (70%)

Yellow (69%)

Blue (59%)

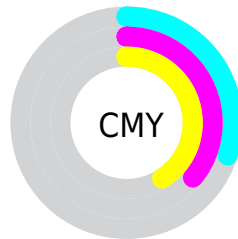


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (30%)



Cyan (30%)


Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3366, 0.3398, 0.3485 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 38.3366, 0.3398, 0.3485 by changing the saturation by 10% instead.

 38.3366, 0.3398,
0.3485


 38.3366, 0.3398,
0.3485


339.0617, 0.3258,
0.3385

 26.2440, 0.3435,
0.3511

 72.6238, 0.3346,
0.3448

 17.0063, 0.3483,
0.3544


 95.5872, 0.3327,
0.3435

 10.2390, 0.3549,
0.3589


122.9429, 0.3310,
0.3423

 5.5577, 0.3644,
0.3653

155.0755, 0.3297,
0.3413

 2.5780, 0.3794,
0.3751

192.3693, 0.3285,
0.3405

 0.9156, 0.4284,
0.4129

235.2087, 0.3275,

 0.0000, 0.0000,

0.3398

0.0000

283.9780, 0.3266,
0.3391

■ 38.3366, 0.3398,
0.3485

■ 38.3366, 0.3398,
0.3485

■ 34.6016, 0.3596,
0.3613

■ 42.4059, 0.3224,
0.3363

■ 31.1867, 0.3820,
0.3742

■ 46.8130, 0.3072,
0.3247

■ 28.0839, 0.4068,
0.3866

■ 51.5681, 0.2940,
0.3140

■ 25.2830, 0.4337,
0.3978

■ 56.6792, 0.2826,
0.3042

■ 22.7732, 0.4617,
0.4066

■ 62.1540, 0.2726,
0.2951

■ 20.5427, 0.4895,
0.4118

■ 67.8419, 0.2652,
0.2894

■ 18.5785, 0.5154,
0.4122

■ 72.8442, 0.2664,
0.3001

■ 16.8653, 0.5378,
0.4073

■ 78.1214, 0.2676,
0.3105

■ 16.2740, 0.5458,
0.4048

■ 83.6777, 0.2687,
0.3208

Harmonies

Analogous

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



38.3366, 0.3409, 0.3379



38.3366, 0.3398, 0.3485



38.3366, 0.3313, 0.3542

Triad

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



38.3366, 0.3398, 0.3485



38.3366, 0.2915, 0.3322



38.3366, 0.3070, 0.3065

Complementary

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



38.3366, 0.3398, 0.3485



36.6779, 0.2877, 0.3087

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.



38.3366, 0.2941, 0.3046



38.3366, 0.3398, 0.3485



38.3366, 0.2853, 0.3190

Square

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



38.3366, 0.3398, 0.3485



38.3366, 0.3034, 0.3448



38.3366, 0.2863, 0.3090



38.3366, 0.3217, 0.3140

Rectangle

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



38.3366, 0.3398, 0.3485



38.3366, 0.3227, 0.3541



38.3366, 0.2863, 0.3090



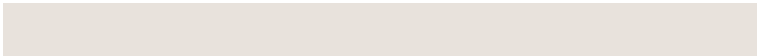
38.3366, 0.3023, 0.3051

Sweetspot

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



38.3383, 0.3398, 0.3485



76.7655, 0.3206, 0.3349



34.1407, 0.3275, 0.3076



16.8900, 0.3217, 0.3357



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.



38.3383, 0.3398, 0.3485



66.4838, 0.3457, 0.3524



43.6641, 0.3368, 0.3673



9.1577, 0.3275, 0.3400



11.6226, 0.5440, 0.4063



0.4827, 0.5005, 0.4408

Inverse Universe

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



36.6779, 0.2877, 0.3087



63.0185, 0.2828, 0.3044



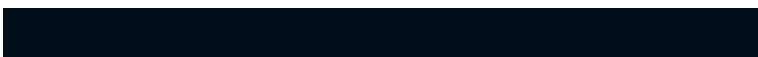
31.8686, 0.2869, 0.2876



8.9349, 0.2985, 0.3178



7.9433, 0.1796, 0.1664



0.3660, 0.1933, 0.2159

Previews

White Background



This preview shows how the Yxy color 38.3366, 0.3398, 0.3485 looks on a white background.

Color Contrast Check

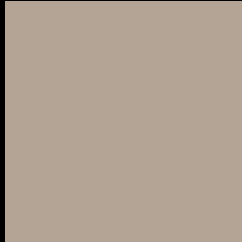
Large Text (above 18pt) WCAG AA × Fail

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 38.3366, 0.3398, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

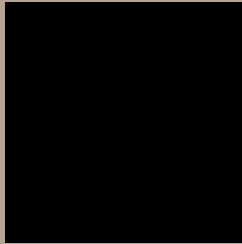
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3366, 0.3398, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 38.3366, 0.3398, 0.3485.



This preview shows how white text looks on a background with the Yxy color 38.3366, 0.3398, 0.3485.

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

38.3366, 0.3398, 0.3485

Protanopia

38.3910, 0.3326, 0.3502

Deuteranopia

38.4155, 0.3485, 0.3426



Tritanopia

38.4520, 0.3220, 0.3129

Trichromacy



Original Color

38.3366, 0.3398, 0.3485

Protanomaly

38.2586, 0.3347, 0.3487

Deuteranomaly

38.3893, 0.3452, 0.3441

Tritanomaly

38.3810, 0.3282, 0.3250

Monochromacy



Original Color

38.3366, 0.3398, 0.3485

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.5036, 0.3217, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3366, 0.3398, 0.3485 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(179, 164, 150)` looks like.

```
.text, #text, p{  
    color:rgb(179, 164, 150)  
}
```

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(179, 164, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 164, 150) }
```

Border

The CSS property to change the border of an element to Yxy 38.3366, 0.3398, 0.3485 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(179, 164, 150) }
```

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

```
.border{ border-color:rgb(179, 164, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 164, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 164, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 164, 150);  
box-shadow:4px 4px 4px 4px rgb(179, 164,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3366, 0.3398, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 164, 150) }
```

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

```
.background{ background-color: rgb(179,  
164, 150) }
```

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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