

Converting Colors

Yxy(38.5646, 0.3399, 0.3452)

Have a look what the booklet for
Yxy(38.5646, 0.3399, 0.3452)
contains.

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Color

Yxy(38.6417, 0.3399, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	B5A498
RGB	181, 164, 152
RGB Percent	71%, 64%, 60%
CMY	0.2901, 0.3569, 0.4039
CMYK	0.00, 0.09, 0.16, 0.29
HSL	25°, 16%, 65%
HSV	25°, 16%, 71%
XYZ	38.0044, 38.6417, 35.1644
YIQ	167.7150, 13.9840, -0.1280

Conversions

Conversions Part 2

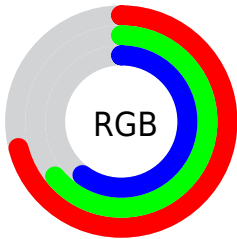
Format	Color
RYB	181, 172, 152
Decimal	11904152
CIELab	68.49, 4.17, 8.46
CIELCh	68, 9.429, 63.742
Yxy	38.6417, 0.3399, 0.3456
Android (android.graphics.Color)	4290094232 (0xFFB5A498)
YUV	167.7150, -7.7475, 11.6509
Hunter-Lab	62.1624, 0.3456, 9.9742

Details

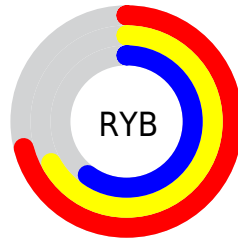
The Yxy color **38.6417, 0.3399, 0.3456** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4054, 0.2881, 0.3118**, and the grayscale version is **39.0470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1238, 0.3348, 0.3429**, and **17.1171, 0.3487, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **34.4491, 0.3604, 0.3566**, and if you desaturate by 10%, it is **43.2461, 0.3222, 0.3351**.

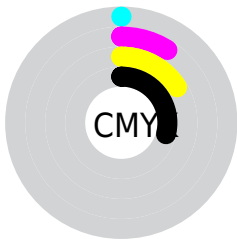
Distribution



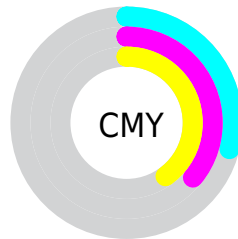
- Red (71%)
- Green (64%)
- Blue (60%)



- Red (71%)
- Yellow (67%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (29%)





- Cyan (29%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6417, 0.3399, 0.3456 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 38.6417, 0.3399, 0.3456 by changing the saturation by 10% instead.


 38.6417, 0.3399,
0.3456


 38.6417, 0.3399,
0.3456


340.3647, 0.3258,
0.3372

 26.4811, 0.3436,
0.3478


 73.0906, 0.3347,
0.3425

 17.1839, 0.3484,
0.3505

 96.1478, 0.3327,
0.3413

 10.3657, 0.3550,
0.3543


123.6059, 0.3311,
0.3404

 5.6421, 0.3646,
0.3596

155.8493, 0.3297,
0.3395

 2.6287, 0.3797,
0.3676

193.2626, 0.3286,
0.3388

 0.9411, 0.4225,
0.3957

236.2299, 0.3275,

 0.0000, 0.0000,

0.3382

0.0000

285.1359, 0.3266,
0.3376

■ 38.6417, 0.3399,
0.3456

■ 38.6417, 0.3399,
0.3456

■ 34.4491, 0.3604,
0.3566

■ 43.2461, 0.3222,
0.3351

■ 30.6513, 0.3839,
0.3678

■ 48.2684, 0.3069,
0.3252

■ 27.2375, 0.4103,
0.3786

■ 53.7212, 0.2938,
0.3160

■ 24.1947, 0.4395,
0.3882

■ 59.6148, 0.2826,
0.3076

■ 21.5088, 0.4705,
0.3955

■ 65.9593, 0.2728,
0.2999

■ 19.1647, 0.5018,
0.3992

■ 72.3968, 0.2673,
0.2987

■ 17.1458, 0.5311,
0.3983

■ 78.4157, 0.2686,
0.3107

■ 15.4330, 0.5563,
0.3921

■ 84.8000, 0.2699,
0.3224

■ 14.8281, 0.5657,
0.3890

■ 88.5672, 0.2706,
0.3289

Harmonies

Analogous

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



38.6417, 0.3390, 0.3346



38.6417, 0.3399, 0.3456



38.6417, 0.3333, 0.3525

Triad

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



38.6417, 0.3399, 0.3456



38.6417, 0.2947, 0.3354



38.6417, 0.3037, 0.3062

Complementary

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



38.6417, 0.3399, 0.3456



38.4054, 0.2881, 0.3118

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.



38.6417, 0.2922, 0.3059



38.6417, 0.3399, 0.3456



38.6417, 0.2871, 0.3225

Square

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



38.6417, 0.3399, 0.3456



38.6417, 0.3072, 0.3468



38.6417, 0.2862, 0.3117



38.6417, 0.3179, 0.3122

Rectangle

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



38.6417, 0.3399, 0.3456



38.6417, 0.3257, 0.3537



38.6417, 0.2862, 0.3117



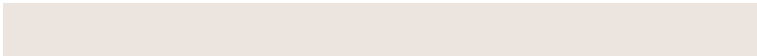
38.6417, 0.2994, 0.3054

Sweetspot

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



38.6434, 0.3399, 0.3456



78.2448, 0.3206, 0.3341



35.1668, 0.3254, 0.3052



16.7822, 0.3218, 0.3348



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.



38.6434, 0.3399, 0.3456



66.6377, 0.3463, 0.3492



43.9857, 0.3370, 0.3644



9.0626, 0.3277, 0.3384



10.3487, 0.5635, 0.3907



0.4418, 0.5138, 0.4302

Inverse Universe

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



38.4054, 0.2881, 0.3118



66.1347, 0.2830, 0.3079



33.4265, 0.2873, 0.2910



9.0313, 0.2986, 0.3194



9.5798, 0.1861, 0.1898



0.4131, 0.1980, 0.2329

Previews

White Background



This preview shows how the Yxy color 38.6417, 0.3399, 0.3456 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 38.6417, 0.3399, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

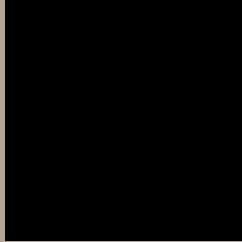
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

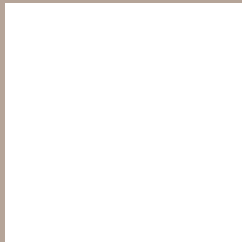
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.6417, 0.3399, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 38.6417, 0.3399, 0.3456.



This preview shows how white text looks on a background with the Yxy color 38.6417, 0.3399, 0.3456.

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

38.6417, 0.3399, 0.3456

Protanopia

38.8216, 0.3306, 0.3488

Deuteranopia

38.6085, 0.3476, 0.3399



Tritanopia

38.6972, 0.3239, 0.3130

Trichromacy



Original Color

38.6417, 0.3399, 0.3456

Protanomaly

38.8025, 0.3337, 0.3472

Deuteranomaly

38.5797, 0.3443, 0.3413

Tritanomaly

38.6246, 0.3302, 0.3250

Monochromacy



Original Color

38.6417, 0.3399, 0.3456

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.1303, 0.3226, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6417, 0.3399, 0.3456 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(181, 164, 152)` looks like.

```
.text, #text, p{  
    color:rgb(181, 164, 152)  
}
```

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(181, 164, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 164, 152) }
```

Border

The CSS property to change the border of an element to Yxy 38.6417, 0.3399, 0.3456 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(181, 164, 152) }
```

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

```
.border{ border-color:rgb(181, 164, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 164, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 164, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 164, 152);  
box-shadow:4px 4px 4px 4px rgb(181, 164,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6417, 0.3399, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 164, 152) }
```

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

```
.background{ background-color: rgb(181,  
164, 152) }
```

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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