

Converting Colors

$Y_{xy}(39.8172, 0.3340, 0.3373)$

Have a look what the booklet for
Yxy(39.8172, 0.3340, 0.3373)
contains.

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Color

Yxy(39.8778, 0.3341, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	B7A6A0
RGB	183, 166, 160
RGB Percent	72%, 65%, 63%
CMY	0.2823, 0.3490, 0.3725
CMYK	0.00, 0.09, 0.13, 0.28
HSL	16°, 14%, 67%
HSV	16°, 13%, 72%
XYZ	39.5112, 39.8778, 38.8726
YIQ	170.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

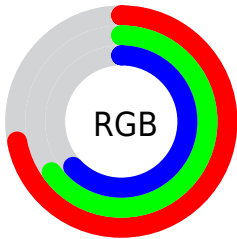
Format	Color
R_{YB}	183, 168, 160
Decimal	12035744
CIE _{Lab}	69.38, 5.13, 5.33
CIE _{LCh}	69, 7.401, 46.072
Yxy	39.8778, 0.3341, 0.3372
Android (android.graphics.Color)	4290225824 (0xFFB7A6A0)
YUV	170.3990, -5.1267, 11.0511
Hunter-Lab	63.1489, 1.1739, 7.7070

Details

The Yxy color **39.8778, 0.3341, 0.3372** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3404, 0.2936, 0.3207**, and the grayscale version is **40.4308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9699, 0.3297, 0.3353**, and **17.8846, 0.3403, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **34.6230, 0.3549, 0.3442**, and if you desaturate by 10%, it is **45.7478, 0.3167, 0.3306**.

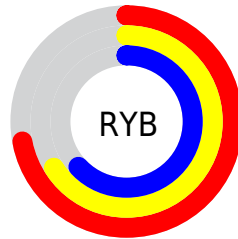
Distribution



Red (72%)

Green (65%)

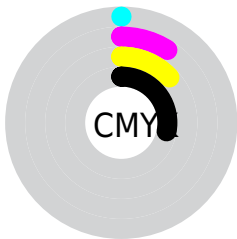
Blue (63%)



Red (72%)

Yellow (66%)

Blue (63%)

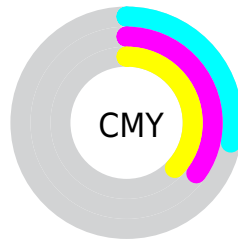


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8778, 0.3341, 0.3372 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 39.8778, 0.3341, 0.3372 by changing the saturation by 10% instead.

 39.8778, 0.3341,
0.3372


 39.8778, 0.3341,
0.3372


345.6082, 0.3231,
0.3331

 27.4433, 0.3370,
0.3382


 74.9774, 0.3300,
0.3357

 17.9064, 0.3407,
0.3396


 98.4113, 0.3285,
0.3351

 10.8828, 0.3458,
0.3413


126.2804, 0.3272,
0.3347

 5.9881, 0.3532,
0.3438

158.9691, 0.3262,
0.3343

 2.8378, 0.3648,
0.3475

196.8619, 0.3252,
0.3339

 1.0477, 0.3875,
0.3553

240.3430, 0.3244,

 0.0000, 1.0000,

0.3336

0.0000

289.7970, 0.3237,
0.3333

0.0000, 0.0000,
0.0000

39.8778, 0.3341,
0.3372

39.8778, 0.3341,
0.3372

34.6230, 0.3549,
0.3442

45.7478, 0.3167,
0.3306

29.9581, 0.3795,
0.3514

52.2467, 0.3022,
0.3245

25.8637, 0.4084,
0.3584

59.3946, 0.2899,
0.3189

22.3174, 0.4416,
0.3647

67.2090, 0.2797,
0.3138

19.2952, 0.4784,
0.3693

75.7066, 0.2710,
0.3092

■ 16.7714, 0.5169,
0.3713

■ 83.9130, 0.2707,
0.3204

■ 14.7177, 0.5541,
0.3696

■ 88.8083, 0.2716,
0.3289

■ 13.1029, 0.5859,
0.3637

■ 12.1602, 0.6052,
0.3577

Harmonies

Analogous

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



39.8778, 0.3300, 0.3278



39.8778, 0.3341, 0.3372



39.8778, 0.3324, 0.3447

Triad

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



39.8778, 0.3341, 0.3372



39.8778, 0.3041, 0.3395



39.8778, 0.3001, 0.3105

Complementary

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



39.8778, 0.3341, 0.3372



42.3404, 0.2936, 0.3207

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.



39.8778, 0.2934, 0.3132



39.8778, 0.3341, 0.3372



39.8778, 0.2957, 0.3299

Square

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



39.8778, 0.3341, 0.3372



39.8778, 0.3150, 0.3462



39.8778, 0.2918, 0.3202



39.8778, 0.3102, 0.3126

Rectangle

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



39.8778, 0.3341, 0.3372



39.8778, 0.3282, 0.3475



39.8778, 0.2918, 0.3202



39.8778, 0.2973, 0.3109

Sweetspot

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



39.8796, 0.3341, 0.3372



80.2836, 0.3191, 0.3316



38.3950, 0.3193, 0.3060



17.5516, 0.3204, 0.3321



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.



39.8796, 0.3341, 0.3372



68.7912, 0.3393, 0.3390



44.1522, 0.3322, 0.3521



9.3829, 0.3281, 0.3350



8.5793, 0.6031, 0.3593



0.4064, 0.5514, 0.4004

Inverse Universe

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



42.3404, 0.2936, 0.3207



74.0375, 0.2896, 0.3187



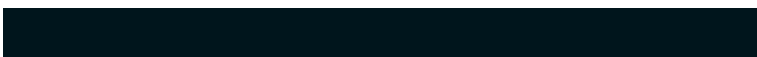
38.0758, 0.2932, 0.3048



9.8035, 0.2985, 0.3229



14.6422, 0.2009, 0.2433



0.6107, 0.2078, 0.2680

Previews

White Background



This preview shows how the Yxy color 39.8778, 0.3341, 0.3372 looks on a white background.

Color Contrast Check

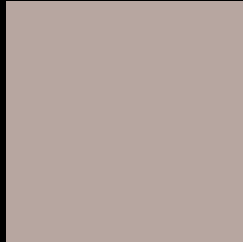
Large Text (above 18pt) WCAG AA × Fail

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 39.8778, 0.3341, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

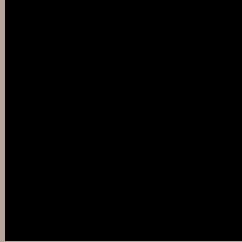
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8778, 0.3341, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 39.8778, 0.3341, 0.3372.



This preview shows how white text looks on a background with the Yxy color 39.8778, 0.3341, 0.3372.

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

39.8778, 0.3341, 0.3372

Protanopia

39.9832, 0.3233, 0.3387

Deuteranopia

39.9078, 0.3403, 0.3344



Tritanopia

39.9998, 0.3219, 0.3131

Trichromacy



Original Color

39.8778, 0.3341, 0.3372

Protanomaly

39.9256, 0.3272, 0.3387

Deuteranomaly

40.0131, 0.3381, 0.3358

Tritanomaly

40.0029, 0.3262, 0.3223

Monochromacy



Original Color

39.8778, 0.3341, 0.3372

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.2431, 0.3208, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8778, 0.3341, 0.3372 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(183, 166, 160)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 160)  
}
```

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(183, 166, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 160) }
```

Border

The CSS property to change the border of an element to Yxy 39.8778, 0.3341, 0.3372 is called "border". The border property can be set on classes, ids or directly on the HTML element.

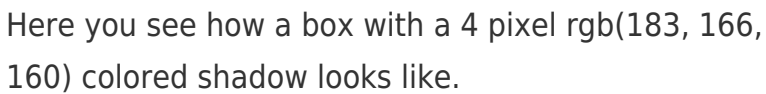
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 166, 160) }
```

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

```
.border{ border-color:rgb(183, 166, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 166, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 166, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 166, 160); box-shadow:4px 4px 4px 4px rgb(183, 166, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8778, 0.3341, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 166, 160) }
```

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

```
.background{ background-color: rgb(183,  
166, 160) }
```

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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