

Converting Colors

$Yxy(39.3950, 0.3383, 0.3396)$

Have a look what the booklet for
Yxy(39.3950, 0.3383, 0.3396)
contains.

Yxy(39.5349, 0.3380, 0.3399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.5349, 0.3380, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	B8A59D
RGB	184, 165, 157
RGB Percent	72%, 65%, 62%
CMY	0.2783, 0.3530, 0.3842
CMYK	0.00, 0.10, 0.15, 0.28
HSL	18°, 16%, 67%
HSV	18°, 15%, 72%
XYZ	39.3139, 39.5349, 37.4645
YIQ	169.7690, 13.8920, 1.5400

Conversions

Conversions Part 2

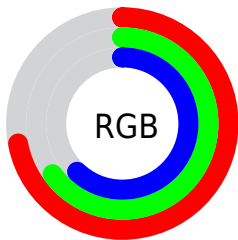
Format	Color
RYB	184, 168, 157
Decimal	12101021
CIELab	69.14, 5.57, 6.64
CIELCh	69, 8.668, 50.012
Yxy	39.5349, 0.3380, 0.3399
Android (android.graphics.Color)	4290291101 (0xFFB8A59D)
YUV	169.7690, -6.2951, 12.4806
Hunter-Lab	62.8768, 1.5733, 8.6864

Details

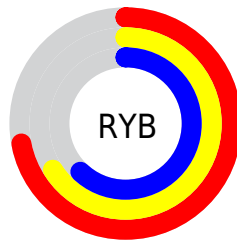
The Yxy color **39.5349, 0.3380, 0.3399** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7023, 0.2904, 0.3178**, and the grayscale version is **40.1068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4651, 0.3327, 0.3375**, and **17.6762, 0.3459, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **34.5113, 0.3592, 0.3479**, and if you desaturate by 10%, it is **45.1310, 0.3201, 0.3324**.

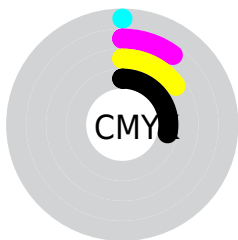
Distribution



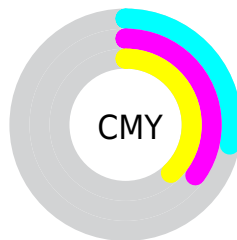
- Red (72%)
- Green (65%)
- Blue (62%)



- Red (72%)
- Yellow (66%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (28%)




- Cyan (28%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5349, 0.3380, 0.3399 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 39.5349, 0.3380, 0.3399 by changing the saturation by 10% instead.


 39.5349, 0.3380,
0.3399


 39.5349, 0.3380,
0.3399

344.1593, 0.3249,
0.3344

 27.1761, 0.3414,
0.3413


 74.4548, 0.3332,
0.3379

 17.7055, 0.3459,
0.3430


 97.7846, 0.3314,
0.3372

 10.7388, 0.3519,
0.3454


125.5402, 0.3299,
0.3365

 5.8915, 0.3607,
0.3487

158.1061, 0.3286,
0.3360

 2.7792, 0.3746,
0.3536

195.8665, 0.3275,
0.3355

 1.0176, 0.4045,
0.3662

239.2059, 0.3265,

 0.0000, 1.0000,

0.3351

0.0000

288.5088, 0.3257,
0.3347

0.0000, 0.0000,
0.0000

39.5349, 0.3380,
0.3399

39.5349, 0.3380,
0.3399

34.5113, 0.3592,
0.3479

45.1310, 0.3201,
0.3324

30.0368, 0.3842,
0.3560

51.3119, 0.3050,
0.3253

26.0938, 0.4132,
0.3638

58.0960, 0.2923,
0.3189

22.6619, 0.4461,
0.3707

65.4991, 0.2815,
0.3130

19.7191, 0.4820,
0.3757

73.5368, 0.2724,
0.3076

■ 17.2421, 0.5190,
0.3775

■ 81.3969, 0.2708,
0.3157

■ 15.2050, 0.5541,
0.3753

■ 88.9337, 0.2721,
0.3289

■ 13.5793, 0.5836,
0.3684

■ 12.8643, 0.5972,
0.3640

Harmonies

Analogous

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



39.5349, 0.3340, 0.3290



39.5349, 0.3380, 0.3399



39.5349, 0.3350, 0.3482

Triad

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



39.5349, 0.3380, 0.3399



39.5349, 0.3011, 0.3400



39.5349, 0.2992, 0.3073

Complementary

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



39.5349, 0.3380, 0.3399



41.7023, 0.2904, 0.3178

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.



39.5349, 0.2908, 0.3097



39.5349, 0.3380, 0.3399



39.5349, 0.2918, 0.3284

Square

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



39.5349, 0.3380, 0.3399



39.5349, 0.3136, 0.3485



39.5349, 0.2881, 0.3173



39.5349, 0.3114, 0.3105

Rectangle

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



39.5349, 0.3380, 0.3399



39.5349, 0.3296, 0.3511



39.5349, 0.2881, 0.3173



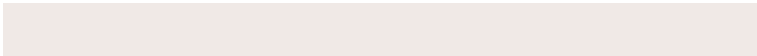
39.5349, 0.2959, 0.3075

Sweetspot

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



39.5367, 0.3380, 0.3399



82.4381, 0.3191, 0.3319



37.4630, 0.3213, 0.3032



17.5990, 0.3203, 0.3325



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.



39.5367, 0.3380, 0.3399



68.2297, 0.3453, 0.3427



44.5391, 0.3355, 0.3573



9.4329, 0.3281, 0.3358



8.9721, 0.5950, 0.3657



0.4274, 0.5430, 0.4070

Inverse Universe

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



41.7023, 0.2904, 0.3178



72.9991, 0.2849, 0.3148



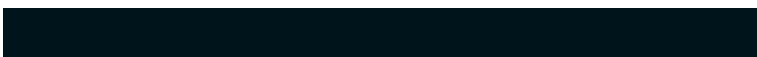
36.7798, 0.2897, 0.2990



9.7506, 0.2985, 0.3221



13.4538, 0.1976, 0.2312



0.5762, 0.2054, 0.2594

Previews

White Background



This preview shows how the Yxy color 39.5349, 0.3380, 0.3399 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 39.5349, 0.3380, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

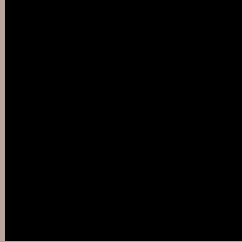
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5349, 0.3380, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 39.5349, 0.3380, 0.3399.



This preview shows how white text looks on a background with the Yxy color 39.5349, 0.3380, 0.3399.

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

39.5349, 0.3380, 0.3399

Protanopia

39.5071, 0.3261, 0.3416

Deuteranopia

39.4475, 0.3433, 0.3371



Tritanopia

39.3749, 0.3239, 0.3118

Trichromacy



Original Color

39.5349, 0.3380, 0.3399

Protanomaly

39.5710, 0.3309, 0.3415

Deuteranomaly

39.5500, 0.3411, 0.3385

Tritanomaly

39.3358, 0.3292, 0.3223

Monochromacy



Original Color

39.5349, 0.3380, 0.3399

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.8358, 0.3218, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5349, 0.3380, 0.3399 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(184, 165, 157)` looks like.

```
.text, #text, p{  
    color:rgb(184, 165, 157)  
}
```

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(184, 165, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 165, 157) }
```

Border

The CSS property to change the border of an element to Yxy 39.5349, 0.3380, 0.3399 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(184, 165, 157) }
```

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

```
.border{ border-color:rgb(184, 165, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 165, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 165, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 165, 157);  
box-shadow:4px 4px 4px 4px rgb(184, 165,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5349, 0.3380, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 165, 157) }
```

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

```
.background{ background-color: rgb(184,  
165, 157) }
```

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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