

Converting Colors

$Y_{xy}(39.3755, 0.3591, 0.3369)$

Have a look what the booklet for
Yxy(39.3755, 0.3591, 0.3369)
contains.

Yxy(39.3755, 0.3591, 0.3369)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.3755, 0.3591, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	C89F99
RGB	200, 159, 153
RGB Percent	78%, 62%, 60%
CMY	0.2156, 0.3765, 0.3999
CMYK	0.00, 0.21, 0.23, 0.22
HSL	8°, 30%, 69%
HSV	8°, 23%, 78%
XYZ	41.9701, 39.3755, 35.5303
YIQ	170.5750, 26.3620, 6.8260

Conversions

Conversions Part 2

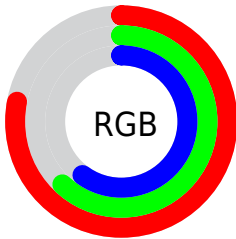
Format	Color
R_{YB}	200, 160, 153
Decimal	13148057
CIE _{Lab}	69.02, 14.27, 8.90
CIE _{LCh}	69, 16.819, 31.942
Yxy	39.3755, 0.3591, 0.3369
Android (android.graphics.Color)	4291338137 (0xFFC89F99)
YUV	170.5750, -8.6645, 25.8057
Hunter-Lab	62.7499, 9.5770, 10.3537

Details

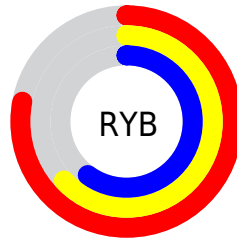
The Yxy color $39.3755, 0.3591, 0.3369$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $49.5386, 0.2777, 0.3209$, and the grayscale version is $40.5364, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.8581, 0.3485, 0.3362$, and $17.4944, 0.3735, 0.3380$ is the 20% darker color. If you saturate the color by 10%, you get $33.1859, 0.3864, 0.3405$, and if you desaturate by 10%, it is $46.5271, 0.3366, 0.3334$.

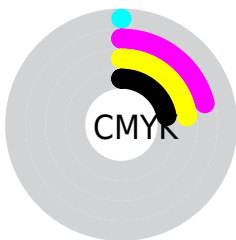
Distribution



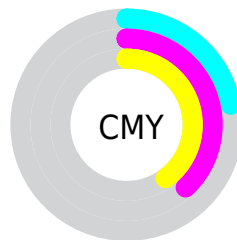
- Red (78%)
- Green (62%)
- Blue (60%)



- Red (78%)
- Yellow (63%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3755, 0.3591, 0.3369 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 39.3755, 0.3591, 0.3369 by changing the saturation by 10% instead.


 39.3755, 0.3591,
0.3369


 39.3755, 0.3591,
0.3369


343.4843, 0.3351,
0.3332

 27.0520, 0.3654,
0.3377


 74.2116, 0.3502,
0.3356

 17.6123, 0.3736,
0.3387


 97.4930, 0.3469,
0.3352

 10.6720, 0.3849,
0.3398


125.1957, 0.3441,
0.3347

 5.8467, 0.4011,
0.3411

157.7043, 0.3418,
0.3344

 2.7521, 0.4266,
0.3423

195.4030, 0.3397,
0.3340

 1.0037, 0.4853,
0.3517

238.6763, 0.3380,

 0.0000, 1.0000,

0.3337

0.0000

287.9087, 0.3364,
0.3335

0.0000, 0.0000,
0.0000

39.3755, 0.3591,
0.3369

39.3755, 0.3591,
0.3369

33.1859, 0.3864,
0.3405

46.5271, 0.3366,
0.3334

27.9119, 0.4192,
0.3439

54.6737, 0.3183,
0.3301

23.5117, 0.4576,
0.3468

63.8532, 0.3033,
0.3271

19.9378, 0.5003,
0.3486

74.1002, 0.2910,
0.3243

17.1382, 0.5443,
0.3486

85.4476, 0.2809,
0.3218

■ 15.0551, 0.5847,
0.3462

■ 91.0208, 0.2805,
0.3289

■ 13.6223, 0.6155,
0.3415

■ 12.9967, 0.6295,
0.3384

Harmonies

Analogous

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



39.3755, 0.3437, 0.3161



39.3755, 0.3591, 0.3369



39.3755, 0.3614, 0.3567

Triad

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



39.3755, 0.3591, 0.3369



39.3755, 0.3040, 0.3621



39.3755, 0.2758, 0.2888

Complementary

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



39.3755, 0.3591, 0.3369



49.5386, 0.2777, 0.3209

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.



39.3755, 0.2662, 0.2990



39.3755, 0.3591, 0.3369



39.3755, 0.2820, 0.3416

Square

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



39.3755, 0.3591, 0.3369



39.3755, 0.3290, 0.3726



39.3755, 0.2684, 0.3182



39.3755, 0.2952, 0.2890

Rectangle

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



39.3755, 0.3591, 0.3369



39.3755, 0.3553, 0.3667



39.3755, 0.2684, 0.3182



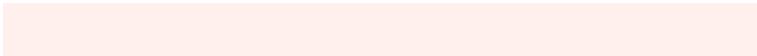
39.3755, 0.2713, 0.2910

Sweetspot

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



39.3773, 0.3591, 0.3369



89.3646, 0.3245, 0.3313



38.9864, 0.3204, 0.2775



18.9404, 0.3256, 0.3315



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



39.3773, 0.3591, 0.3369



62.7091, 0.3718, 0.3387



48.0350, 0.3526, 0.3658



10.8511, 0.3286, 0.3320



8.3362, 0.6279, 0.3397



0.4684, 0.5965, 0.3645

Inverse Universe

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



49.5386, 0.2777, 0.3209



83.2149, 0.2709, 0.3191



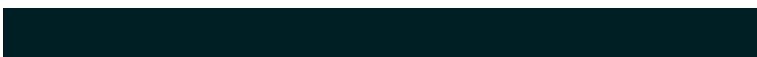
40.0809, 0.2752, 0.2892



11.8281, 0.2984, 0.3260



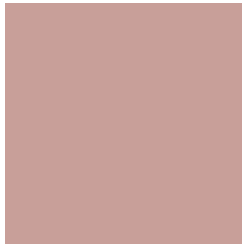
22.1203, 0.2135, 0.2886



1.1135, 0.2161, 0.2978

Previews

White Background



This preview shows how the Yxy color 39.3755, 0.3591, 0.3369 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 39.3755, 0.3591, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

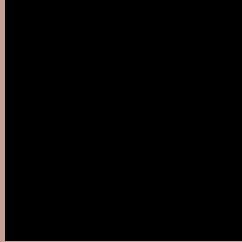
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3755, 0.3591, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 39.3755, 0.3591, 0.3369.



This preview shows how white text looks on a background with the Yxy color 39.3755, 0.3591, 0.3369.

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

39.3755, 0.3591, 0.3369

Protanopia

39.4726, 0.3270, 0.3430

Deuteranopia

39.5378, 0.3500, 0.3438



Tritanopia

39.5351, 0.3459, 0.3138

Trichromacy



Original Color

39.3755, 0.3591, 0.3369

Protanomaly

39.3778, 0.3379, 0.3413

Deuteranomaly

39.5770, 0.3532, 0.3423

Tritanomaly

39.5156, 0.3505, 0.3227

Monochromacy



Original Color

39.3755, 0.3591, 0.3369

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2629, 0.3294, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3755, 0.3591, 0.3369 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(200, 159, 153)` looks like.

```
.text, #text, p{  
    color:rgb(200, 159, 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(200, 159, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 159, 153) }
```

Border

The CSS property to change the border of an element to Yxy 39.3755, 0.3591, 0.3369 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(200, 159, 153) }
```

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

```
.border{ border-color:rgb(200, 159, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 159, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 159, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 159, 153);  
box-shadow:4px 4px 4px 4px rgb(200, 159,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3755, 0.3591, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 159, 153) }
```

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

```
.background{ background-color: rgb(200,  
159, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor