

Converting Colors

$Yxy(39.5386, 0.3540, 0.3407)$

Have a look what the booklet for
Yxy(39.5386, 0.3540, 0.3407)
contains.

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Color

Yxy(39.3917, 0.3535, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	C3A199
RGB	195, 161, 153
RGB Percent	76%, 63%, 60%
CMY	0.2355, 0.3685, 0.4000
CMYK	0.00, 0.17, 0.22, 0.24
HSL	11°, 26%, 68%
HSV	11°, 22%, 76%
XYZ	40.9920, 39.3917, 35.5766
YIQ	170.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

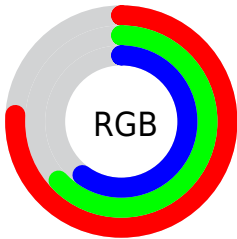
Format	Color
RYB	195, 163, 153
Decimal	12820889
CIELab	69.03, 11.24, 8.86
CIELCh	69, 14.311, 38.241
Yxy	39.3917, 0.3535, 0.3397
Android (android.graphics.Color)	4291010969 (0xFFC3A199)
YUV	170.2540, -8.5062, 21.7022
Hunter-Lab	62.7628, 6.7479, 10.3259

Details

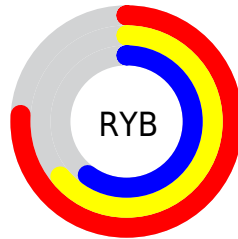
The Yxy color **39.3917, 0.3535, 0.3397** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2219, 0.2803, 0.3180**, and the grayscale version is **40.3655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3122, 0.3458, 0.3383**, and **17.5593, 0.3669, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **33.6326, 0.3788, 0.3450**, and if you desaturate by 10%, it is **45.9546, 0.3325, 0.3345**.

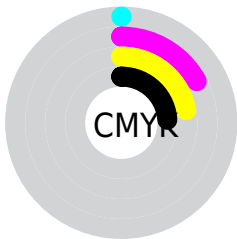
Distribution



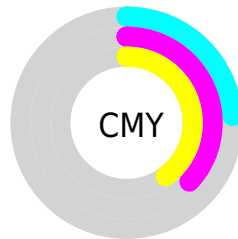
- Red (76%)
- Green (63%)
- Blue (60%)



- Red (76%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (24%)





- Cyan (24%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3917, 0.3535, 0.3397 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 39.3917, 0.3535, 0.3397 by changing the saturation by 10% instead.


 39.3917, 0.3535,
0.3397


 39.3917, 0.3535,
0.3397


343.5530, 0.3324,
0.3345

 27.0646, 0.3590,
0.3409


 74.2363, 0.3456,
0.3379

 17.6217, 0.3662,
0.3425


 97.5226, 0.3428,
0.3372

 10.6788, 0.3761,
0.3444


125.2308, 0.3403,
0.3366

 5.8513, 0.3904,
0.3469

157.7451, 0.3383,
0.3360

 2.7548, 0.4129,
0.3502

195.4502, 0.3365,
0.3356

 1.0051, 0.4658,
0.3641

238.7302, 0.3349,

 0.0000, 1.0000,

0.3352

0.0000

287.9697, 0.3336,
0.3348

■ 0.0000, 0.0000,
0.0000

■ 39.3917, 0.3535,
0.3397

■ 39.3917, 0.3535,
0.3397

■ 33.6326, 0.3788,
0.3450

■ 45.9546, 0.3325,
0.3345

■ 28.6409, 0.4090,
0.3502

■ 53.3451, 0.3151,
0.3297

■ 24.3857, 0.4442,
0.3549

■ 61.5926, 0.3007,
0.3252

■ 20.8316, 0.4837,
0.3582

■ 70.7236, 0.2888,
0.3212

■ 17.9404, 0.5253,
0.3593

■ 80.7633, 0.2789,
0.3175

■ 15.6699, 0.5653,
0.3574

■ 90.3367, 0.2778,
0.3289

■ 13.9732, 0.5987,
0.3521

■ 12.9381, 0.6197,
0.3461

Harmonies

Analogous

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



39.3917, 0.3426, 0.3217



39.3917, 0.3535, 0.3397



39.3917, 0.3530, 0.3557

Triad

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



39.3917, 0.3535, 0.3397



39.3917, 0.3011, 0.3539



39.3917, 0.2841, 0.2939

Complementary

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



39.3917, 0.3535, 0.3397



46.2219, 0.2803, 0.3180

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.



39.3917, 0.2738, 0.3010



39.3917, 0.3535, 0.3397



39.3917, 0.2834, 0.3356

Square

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



39.3917, 0.3535, 0.3397



39.3917, 0.3223, 0.3649



39.3917, 0.2736, 0.3161



39.3917, 0.3021, 0.2959

Rectangle

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



39.3917, 0.3535, 0.3397



39.3917, 0.3464, 0.3631



39.3917, 0.2736, 0.3161



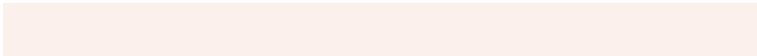
39.3917, 0.2796, 0.2953

Sweetspot

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



39.3935, 0.3535, 0.3397



89.3499, 0.3226, 0.3319



37.9764, 0.3222, 0.2853



19.3732, 0.3238, 0.3322



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.



39.3935, 0.3535, 0.3397



65.3759, 0.3653, 0.3423



47.2175, 0.3481, 0.3660



10.3828, 0.3284, 0.3335



8.5066, 0.6177, 0.3477



0.4635, 0.5760, 0.3809

Inverse Universe

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



46.2219, 0.2803, 0.3180



79.8564, 0.2733, 0.3153



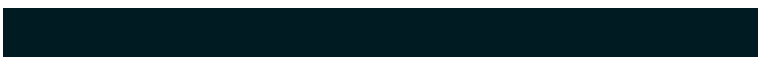
38.0854, 0.2783, 0.2890



11.0904, 0.2984, 0.3245



18.5051, 0.2076, 0.2672



0.8858, 0.2118, 0.2825

Previews

White Background



This preview shows how the Yxy color 39.3917, 0.3535, 0.3397 looks on a white background.

Color Contrast Check

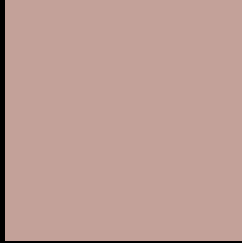
Large Text (above 18pt) WCAG AA × Fail

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 39.3917, 0.3535, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

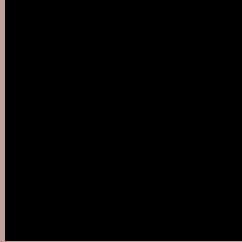
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3917, 0.3535, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 39.3917, 0.3535, 0.3397.



This preview shows how white text looks on a background with the Yxy color 39.3917, 0.3535, 0.3397.

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

39.3917, 0.3535, 0.3397

Protanopia

39.5535, 0.3288, 0.3444

Deuteranopia

39.5707, 0.3490, 0.3424



Tritanopia

39.2643, 0.3389, 0.3123

Trichromacy



Original Color

39.3917, 0.3535, 0.3397

Protanomaly

39.2557, 0.3370, 0.3414

Deuteranomaly

39.3470, 0.3503, 0.3411

Tritanomaly

39.2124, 0.3444, 0.3226

Monochromacy



Original Color

39.3917, 0.3535, 0.3397

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9015, 0.3265, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3917, 0.3535, 0.3397 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(195, 161, 153)` looks like.

```
.text, #text, p{  
    color:rgb(195, 161, 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(195, 161, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 161, 153) }
```

Border

The CSS property to change the border of an element to Yxy 39.3917, 0.3535, 0.3397 is called "border". The border property can be set on classes, ids or directly on the HTML element.

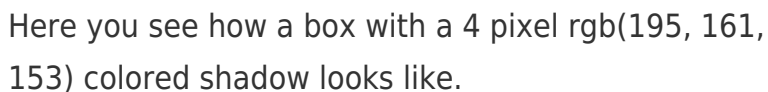
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 161, 153) }
```

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

```
.border{ border-color:rgb(195, 161, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 161, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 161, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 161, 153); box-shadow:4px 4px 4px 4px rgb(195, 161, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3917, 0.3535, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 161, 153) }
```

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

```
.background{ background-color: rgb(195,  
161, 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](#).

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