

Converting Colors

Yxy(39.4626, 0.3558, 0.3318)

Have a look what the booklet for
Yxy(39.4626, 0.3558, 0.3318)
contains.

Yxy(39.5100, 0.3552, 0.3317)	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(39.5100, 0.3552, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	C89F9D
RGB	200, 159, 157
RGB Percent	78%, 62%, 62%
CMY	0.2156, 0.3765, 0.3843
CMYK	0.00, 0.21, 0.22, 0.22
HSL	3°, 28%, 70%
HSV	3°, 22%, 78%
XYZ	42.3092, 39.5100, 37.2945
YIQ	171.0310, 25.0780, 8.0700

Conversions

Conversions Part 2

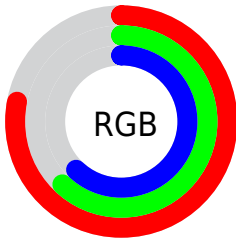
Format	Color
R_{YB}	200, 159, 157
Decimal	13148061
CIE _{Lab}	69.12, 14.88, 6.82
CIE _{LCh}	69, 16.367, 24.635
Yxy	39.5100, 0.3552, 0.3317
Android (android.graphics.Color)	4291338141 (0xFFC89F9D)
YUV	171.0310, -6.9173, 25.4058
Hunter-Lab	62.8570, 10.1490, 8.8218

Details

The Yxy color **39.5100, 0.3552, 0.3317** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.7450, 0.2808, 0.3263**, and the grayscale version is **40.7690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1066, 0.3448, 0.3311**, and **17.5757, 0.3678, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **32.8213, 0.3827, 0.3331**, and if you desaturate by 10%, it is **47.3267, 0.3330, 0.3304**.

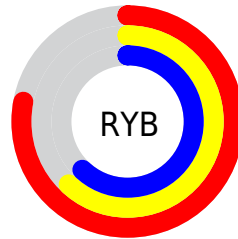
Distribution



Red (78%)

Green (62%)

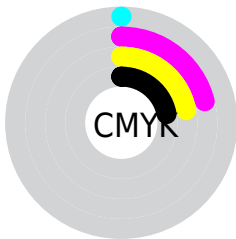
Blue (62%)



Red (78%)

Yellow (62%)

Blue (62%)

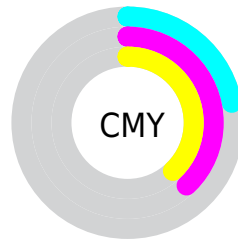


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5100, 0.3552, 0.3317 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 39.5100, 0.3552, 0.3317 by changing the saturation by 10% instead.


 39.5100, 0.3552,
0.3317


 39.5100, 0.3552,
0.3317


344.0539, 0.3332,
0.3306

 27.1567, 0.3609,
0.3319


 74.4168, 0.3470,
0.3314

 17.6909, 0.3685,
0.3320


 97.7391, 0.3440,
0.3312

 10.7283, 0.3787,
0.3321


125.4864, 0.3415,
0.3311

 5.8845, 0.3936,
0.3320

158.0433, 0.3393,
0.3310

 2.7750, 0.4170,
0.3311

195.7942, 0.3375,
0.3309

 1.0154, 0.4644,
0.3321

239.1233, 0.3359,


 0.0000, 1.0000,


0.3308


0.0000

288.4151, 0.3345,
0.3307


 0.0000, 0.0000,
0.0000


 39.5100, 0.3552,
0.3317


 39.5100, 0.3552,
0.3317


 32.8213, 0.3827,
0.3331

 47.3267, 0.3330,
0.3304

 27.2035, 0.4162,
0.3344


 56.3143, 0.3151,
0.3292


 22.6026, 0.4559,
0.3355

 66.5202, 0.3007,
0.3281

 18.9577, 0.5008,
0.3362

 77.9875, 0.2890,
0.3271

 16.2016, 0.5474,
0.3362

 90.6268, 0.2805,
0.3283

■ 14.2582, 0.5899,
0.3353

■ 91.0235, 0.2805,
0.3289

■ 13.0388, 0.6213,
0.3336

■ 12.4845, 0.6370,
0.3324

Harmonies

Analogous

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



39.5100, 0.3377, 0.3119



39.5100, 0.3552, 0.3317



39.5100, 0.3608, 0.3516

Triad

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



39.5100, 0.3552, 0.3317



39.5100, 0.3102, 0.3647



39.5100, 0.2735, 0.2914

Complementary

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



39.5100, 0.3552, 0.3317



51.7450, 0.2808, 0.3263

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.



39.5100, 0.2669, 0.3037



39.5100, 0.3552, 0.3317



39.5100, 0.2875, 0.3467

Square

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



39.5100, 0.3552, 0.3317



39.5100, 0.3342, 0.3719



39.5100, 0.2719, 0.3239



39.5100, 0.2904, 0.2891

Rectangle

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



39.5100, 0.3552, 0.3317



39.5100, 0.3569, 0.3625



39.5100, 0.2719, 0.3239



39.5100, 0.2700, 0.2944

Sweetspot

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



39.5118, 0.3552, 0.3317



90.0944, 0.3228, 0.3297



40.5025, 0.3165, 0.2778



19.0631, 0.3240, 0.3298



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.



39.5118, 0.3552, 0.3317



62.5194, 0.3678, 0.3324



47.3400, 0.3497, 0.3582



10.7144, 0.3288, 0.3301



7.9717, 0.6362, 0.3331



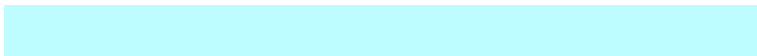
0.4056, 0.6228, 0.3437

Inverse Universe

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



51.7450, 0.2808, 0.3263



87.5774, 0.2742, 0.3256



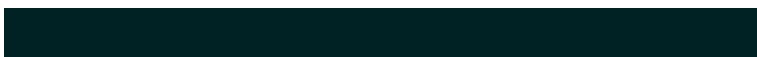
42.8160, 0.2789, 0.2980



11.9801, 0.2984, 0.3279



26.3089, 0.2207, 0.3146



1.2723, 0.2216, 0.3178

Previews

White Background



This preview shows how the Yxy color 39.5100, 0.3552, 0.3317 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 39.5100, 0.3552, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

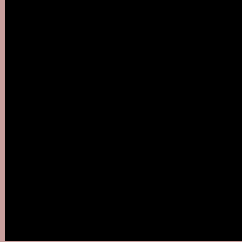
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5100, 0.3552, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 39.5100, 0.3552, 0.3317.



This preview shows how white text looks on a background with the Yxy color 39.5100, 0.3552, 0.3317.

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

39.5100, 0.3552, 0.3317

Protanopia

39.6126, 0.3235, 0.3374

Deuteranopia

39.5418, 0.3452, 0.3384



Tritanopia

39.3960, 0.3449, 0.3138

Trichromacy



Original Color

39.5100, 0.3552, 0.3317

Protanomaly

39.5156, 0.3343, 0.3359

Deuteranomaly

39.7103, 0.3494, 0.3370

Tritanomaly

39.5878, 0.3486, 0.3201

Monochromacy



Original Color

39.5100, 0.3552, 0.3317

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.3357, 0.3276, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5100, 0.3552, 0.3317 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 159, 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(200, 159, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 159, 157) }
```

Border

The CSS property to change the border of an element to Yxy 39.5100, 0.3552, 0.3317 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, 157) }
```

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

```
.border{ border-color:rgb(200, 159, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 159, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 159, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 159,  
157) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 39.5100, 0.3552, 0.3317$ 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, 157) }
```

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

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

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