

Converting Colors

$Yxy(37.3149, 0.3552, 0.3234)$

Have a look what the booklet for
Yxy(37.3149, 0.3552, 0.3234)
contains.

Yxy(37.3589, 0.3557, 0.3239)	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(37.3589, 0.3557, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	C7999D
RGB	199, 153, 157
RGB Percent	78%, 60%, 62%
CMY	0.2197, 0.3999, 0.3842
CMYK	0.00, 0.23, 0.21, 0.22
HSL	355°, 29%, 69%
HSV	355°, 23%, 78%
XYZ	41.0267, 37.3589, 36.9552
YIQ	167.2100, 26.1320, 10.9960

Conversions

Conversions Part 2

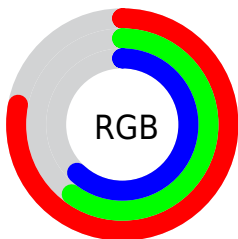
Format	Color
RYB	199, 153, 157
Decimal	13080989
CIELab	67.55, 17.76, 4.53
CIElCh	68, 18.333, 14.321
Yxy	37.3589, 0.3557, 0.3239
Android (android.graphics.Color)	4291271069 (0xFFC7999D)
YUV	167.2100, -5.0335, 27.8798
Hunter-Lab	61.1219, 12.8508, 6.9378

Details

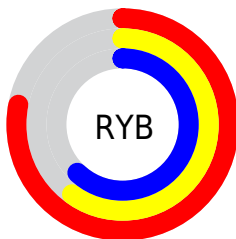
The Yxy color **37.3589, 0.3557, 0.3239** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.5483, 0.2814, 0.3342**, and the grayscale version is **38.7674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0749, 0.3466, 0.3260**, and **16.4726, 0.3686, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **30.8054, 0.3821, 0.3216**, and if you desaturate by 10%, it is **45.0941, 0.3344, 0.3262**.

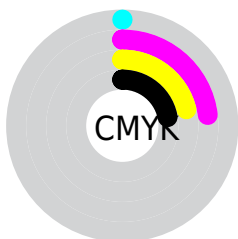
Distribution



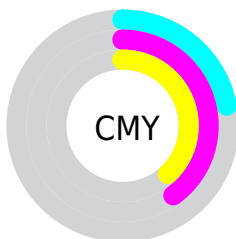
- Red (78%)
- Green (60%)
- Blue (62%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3589, 0.3557, 0.3239 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 37.3589, 0.3557, 0.3239 by changing the saturation by 10% instead.


 37.3589, 0.3557,
0.3239


 37.3589, 0.3557,
0.3239


334.8618, 0.3333,
0.3268

 25.4855, 0.3616,
0.3230


 71.1244, 0.3473,
0.3250

 16.4391, 0.3694,
0.3219


 93.7853, 0.3442,
0.3255

 9.8354, 0.3801,
0.3202


120.8109, 0.3417,
0.3258

 5.2900, 0.3958,
0.3175

152.5854, 0.3395,
0.3261

 2.4184, 0.4208,
0.3127

189.4934, 0.3376,
0.3263

 0.8353, 0.4746,
0.3074

231.9192, 0.3360,


 0.0000, 1.0000,


0.3265

0.0000

280.2472, 0.3345,
0.3267


 0.0000, 0.0000,
0.0000


 37.3589, 0.3557,
0.3239


 37.3589, 0.3557,
0.3239

 30.8054, 0.3821,
0.3216


 45.0941, 0.3344,
0.3262

 25.3708, 0.4143,
0.3194


 54.0598, 0.3173,
0.3284

 20.9938, 0.4526,
0.3176

 64.3083, 0.3036,
0.3304

 17.6055, 0.4960,
0.3167

 75.8873, 0.2925,
0.3322

 15.1290, 0.5415,
0.3171

 88.8421, 0.2835,
0.3338

■ 13.4755, 0.5837,
0.3192

■ 90.8789, 0.2800,
0.3289

■ 12.5388, 0.6160,
0.3227

■ 12.1804, 0.6310,
0.3250

Harmonies

Analogous

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



37.3589, 0.3323, 0.3028



37.3589, 0.3557, 0.3239



37.3589, 0.3672, 0.3470

Triad

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



37.3589, 0.3557, 0.3239



37.3589, 0.3193, 0.3745



37.3589, 0.2641, 0.2897

Complementary

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



37.3589, 0.3557, 0.3239



51.5483, 0.2814, 0.3342

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.



37.3589, 0.2611, 0.3071



37.3589, 0.3557, 0.3239



37.3589, 0.2922, 0.3574

Square

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



37.3589, 0.3557, 0.3239



37.3589, 0.3455, 0.3776



37.3589, 0.2712, 0.3321



37.3589, 0.2795, 0.2833

Rectangle

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



37.3589, 0.3557, 0.3239



37.3589, 0.3663, 0.3610



37.3589, 0.2712, 0.3321



37.3589, 0.2617, 0.2944

Sweetspot

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



37.3606, 0.3557, 0.3239



88.1299, 0.3237, 0.3275



38.4289, 0.3111, 0.2714



18.6556, 0.3247, 0.3274



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.



37.3606, 0.3557, 0.3239



59.0850, 0.3690, 0.3227



43.7158, 0.3546, 0.3528



10.6517, 0.3276, 0.3270



7.8400, 0.6292, 0.3240



0.3765, 0.5949, 0.3051

Inverse Universe

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



37.3606, 0.3557, 0.3239



59.0850, 0.3690, 0.3227



43.7777, 0.2769, 0.3039



10.6517, 0.3276, 0.3270



7.8400, 0.6292, 0.3240



0.3765, 0.5949, 0.3051

Previews

White Background



This preview shows how the Yxy color 37.3589, 0.3557, 0.3239 looks on a white background.

Color Contrast Check

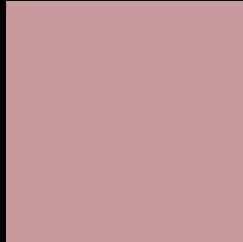
Large Text (above 18pt) WCAG AA × Fail

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 37.3589, 0.3557, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

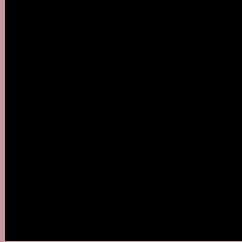
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3589, 0.3557, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 37.3589, 0.3557, 0.3239.



This preview shows how white text looks on a background with the Yxy color 37.3589, 0.3557, 0.3239.

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

37.3589, 0.3557, 0.3239

Protanopia

37.5201, 0.3174, 0.3304

Deuteranopia

37.3869, 0.3401, 0.3332



Tritanopia

37.4162, 0.3499, 0.3136

Trichromacy



Original Color

37.3589, 0.3557, 0.3239

Protanomaly

37.2985, 0.3303, 0.3277

Deuteranomaly

37.3331, 0.3456, 0.3304

Tritanomaly

37.3090, 0.3530, 0.3175

Monochromacy



Original Color

37.3589, 0.3557, 0.3239

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.0687, 0.3281, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3589, 0.3557, 0.3239 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(199, 153, 157)` looks like.

```
.text, #text, p{  
    color:rgb(199, 153, 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(199, 153, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 153, 157) }
```

Border

The CSS property to change the border of an element to Yxy 37.3589, 0.3557, 0.3239 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(199, 153, 157) }
```

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

```
.border{ border-color:rgb(199, 153, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 153, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 153, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 153, 157);  
box-shadow:4px 4px 4px 4px rgb(199, 153,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3589, 0.3557, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 153, 157) }
```

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

```
.background{ background-color: rgb(199,  
153, 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