

Converting Colors

$Yxy(39.5878, 0.3486, 0.3201)$

Have a look what the booklet for
Yxy(39.5878, 0.3486, 0.3201)
contains.

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Color

Yxy(39.5878, 0.3486, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	C99EA5
RGB	201, 158, 165
RGB Percent	79%, 62%, 65%
CMY	0.2117, 0.3804, 0.3529
CMYK	0.00, 0.21, 0.18, 0.21
HSL	350°, 29%, 70%
HSV	350°, 21%, 79%
XYZ	43.1125, 39.5878, 40.9729
YIQ	171.6550, 23.3810, 11.2930

Conversions

Conversions Part 2

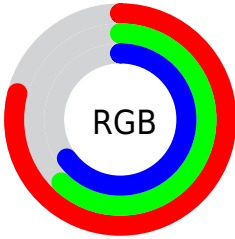
Format	Color
RYB	201, 158, 165
Decimal	13213349
CIELab	69.17, 17.04, 2.46
CIElCh	69, 17.215, 8.221
Yxy	39.5878, 0.3486, 0.3201
Android (android.graphics.Color)	4291403429 (0xFFC99EA5)
YUV	171.6550, -3.2809, 25.7356
Hunter-Lab	62.9188, 12.2017, 5.4334

Details

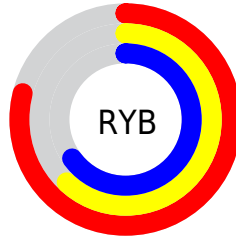
The Yxy color **39.5878, 0.3486, 0.3201** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.9504, 0.2857, 0.3382**, and the grayscale version is **41.0818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0158, 0.3391, 0.3220**, and **17.6113, 0.3597, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **32.7108, 0.3718, 0.3157**, and if you desaturate by 10%, it is **47.6707, 0.3298, 0.3244**.

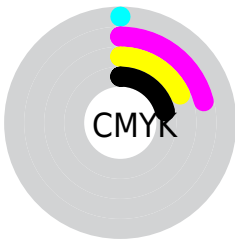
Distribution



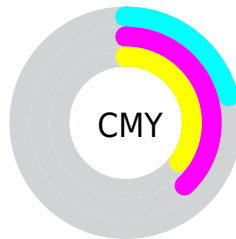
- Red (79%)
- Green (62%)
- Blue (65%)



- Red (79%)
- Yellow (62%)
- Blue (65%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (21%)





- Cyan (21%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5878, 0.3486, 0.3201 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 39.5878, 0.3486, 0.3201 by changing the saturation by 10% instead.


 39.5878, 0.3486,
0.3201


 39.5878, 0.3486,
0.3201


344.3831, 0.3301,
0.3248

 27.2173, 0.3534,
0.3188


 74.5354, 0.3417,
0.3219

 17.7365, 0.3597,
0.3172


 97.8813, 0.3392,
0.3225

 10.7610, 0.3683,
0.3148


125.6545, 0.3371,
0.3231

 5.9063, 0.3807,
0.3114

158.2393, 0.3353,
0.3235

 2.7882, 0.4001,
0.3058

196.0202, 0.3337,
0.3239

 1.0222, 0.4348,
0.2954

239.3816, 0.3323,


 0.0000, 1.0000,

0.3243


0.0000

288.7077, 0.3312,
0.3245


 0.0000, 0.0000,
0.0000

 39.5878, 0.3486,
0.3201


 39.5878, 0.3486,
0.3201

 32.7108, 0.3718,
0.3157

 47.6707, 0.3298,
0.3244


 26.9768, 0.4002,
0.3114

 57.0078, 0.3146,
0.3285

 22.3251, 0.4342,
0.3077

 67.6514, 0.3023,
0.3322

 18.6875, 0.4733,
0.3052

 79.6493, 0.2924,
0.3356

 15.9878, 0.5157,
0.3047

 90.7890, 0.2841,
0.3351

■ 14.1392, 0.5577,
0.3069

■ 91.1615, 0.2811,
0.3289

■ 13.0382, 0.5940,
0.3121

■ 12.5303, 0.6176,
0.3176

Harmonies

Analogous

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



39.5878, 0.3256, 0.3015



39.5878, 0.3486, 0.3201



39.5878, 0.3618, 0.3415

Triad

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



39.5878, 0.3486, 0.3201



39.5878, 0.3241, 0.3724



39.5878, 0.2663, 0.2953

Complementary

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



39.5878, 0.3486, 0.3201



52.9504, 0.2857, 0.3382

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.



39.5878, 0.2660, 0.3132



39.5878, 0.3486, 0.3201



39.5878, 0.2987, 0.3591

Square

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



39.5878, 0.3486, 0.3201



39.5878, 0.3471, 0.3726



39.5878, 0.2776, 0.3368



39.5878, 0.2784, 0.2871

Rectangle

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



39.5878, 0.3486, 0.3201



39.5878, 0.3630, 0.3549



39.5878, 0.2776, 0.3368



39.5878, 0.2648, 0.3003

Sweetspot

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



39.5896, 0.3486, 0.3201



89.8263, 0.3213, 0.3266



40.1196, 0.3086, 0.2753



19.0001, 0.3223, 0.3263



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.



39.5896, 0.3486, 0.3201



61.6740, 0.3595, 0.3179



44.5236, 0.3517, 0.3474



10.6647, 0.3264, 0.3253



7.8851, 0.6147, 0.3160



0.3825, 0.5619, 0.2869

Inverse Universe

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



39.5896, 0.3486, 0.3201



61.6740, 0.3595, 0.3179



46.8931, 0.2798, 0.3099



10.6647, 0.3264, 0.3253



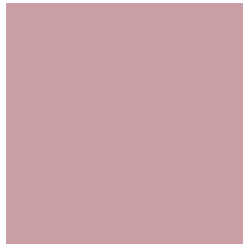
7.8851, 0.6147, 0.3160



0.3825, 0.5619, 0.2869

Previews

White Background



This preview shows how the Yxy color 39.5878, 0.3486, 0.3201 looks on a white background.

Color Contrast Check

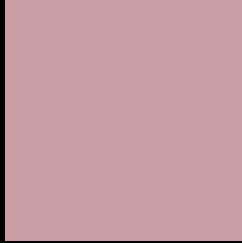
Large Text (above 18pt) WCAG AA × Fail

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 39.5878, 0.3486, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

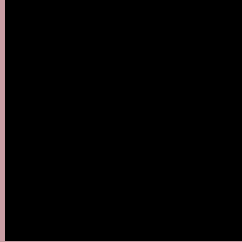
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5878, 0.3486, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 39.5878, 0.3486, 0.3201.



This preview shows how white text looks on a background with the Yxy color 39.5878, 0.3486, 0.3201.

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

39.5878, 0.3486, 0.3201

Protanopia

39.7162, 0.3138, 0.3249

Deuteranopia

39.7961, 0.3346, 0.3291



Tritanopia

39.5351, 0.3459, 0.3138

Trichromacy



Original Color

39.5878, 0.3486, 0.3201

Protanomaly

39.4828, 0.3263, 0.3223

Deuteranomaly

39.7275, 0.3399, 0.3264

Tritanomaly

39.4977, 0.3469, 0.3151

Monochromacy



Original Color

39.5878, 0.3486, 0.3201

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.5693, 0.3259, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5878, 0.3486, 0.3201 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(201, 158, 165)` looks like.

```
.text, #text, p{  
    color:rgb(201, 158, 165)  
}
```

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(201, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 158, 165) }
```

Border

The CSS property to change the border of an element to Yxy 39.5878, 0.3486, 0.3201 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(201, 158, 165) }
```

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

```
.border{ border-color:rgb(201, 158, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 158, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 158, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 158, 165); box-shadow:4px 4px 4px 4px rgb(201, 158, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5878, 0.3486, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 158, 165) }
```

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

```
.background{ background-color: rgb(201,  
158, 165) }
```

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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