

Converting Colors

$Y_{xy}(39.3583, 0.3677, 0.3220)$

Have a look what the booklet for
Yxy(39.3583, 0.3677, 0.3220)
contains.

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Color

Yxy(39.4318, 0.3679, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	D5999F
RGB	213, 153, 159
RGB Percent	84%, 60%, 62%
CMY	0.1646, 0.4000, 0.3764
CMYK	0.00, 0.28, 0.25, 0.16
HSL	354°, 42%, 72%
HSV	354°, 28%, 84%
XYZ	45.0947, 39.4318, 38.0467
YIQ	171.6240, 33.8340, 14.5860

Conversions

Conversions Part 2

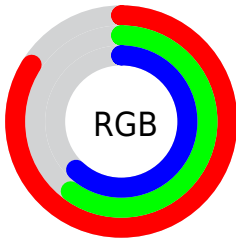
Format	Color
R_{YB}	213, 153, 159
Decimal	13998495
CIE _{Lab}	69.06, 23.32, 5.79
CIE _{LCh}	69, 24.029, 13.946
Yxy	39.4318, 0.3679, 0.3217
Android (android.graphics.Color)	4292188575 (0xFFD5999F)
YUV	171.6240, -6.2236, 36.2868
Hunter-Lab	62.7947, 18.2951, 8.0331

Details

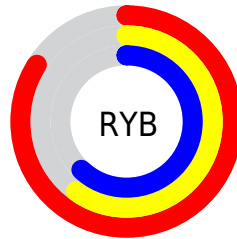
The Yxy color **39.4318, 0.3679, 0.3217** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.8721, 0.2755, 0.3366**, and the grayscale version is **41.0762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2268, 0.3443, 0.3230**, and **17.5582, 0.3847, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **32.4576, 0.3969, 0.3191**, and if you desaturate by 10%, it is **47.7574, 0.3443, 0.3244**.

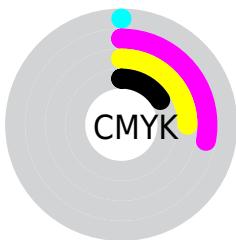
Distribution



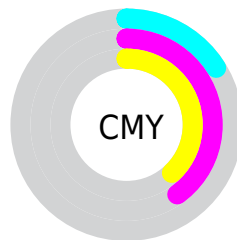
- Red (84%)
- Green (60%)
- Blue (62%)



- Red (84%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (28%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4318, 0.3679, 0.3217 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 39.4318, 0.3679, 0.3217 by changing the saturation by 10% instead.


 39.4318, 0.3679,
0.3217


 39.4318, 0.3679,
0.3217


343.7228, 0.3393,
0.3259

 27.0958, 0.3753,
0.3205


 74.2975, 0.3573,
0.3233

 17.6452, 0.3851,
0.3188


 97.5960, 0.3534,
0.3239

 10.6956, 0.3984,
0.3164


125.3174, 0.3501,
0.3244

 5.8625, 0.4175,
0.3126

157.8462, 0.3473,
0.3248

 2.7617, 0.4475,
0.3061

195.5668, 0.3449,
0.3251

 1.0086, 0.5039,
0.2950

238.8635, 0.3428,


 0.0000, 1.0000,

0.3254

0.0000

288.1207, 0.3410,
0.3257

 0.0000, 0.0000,
0.0000


 39.4318, 0.3679,
0.3217


 39.4318, 0.3679,
0.3217


 32.4576, 0.3969,
0.3191

 47.7574, 0.3443,
0.3244

 26.7584, 0.4320,
0.3167


 57.4948, 0.3254,
0.3270

 22.2586, 0.4728,
0.3151

 68.7071, 0.3102,
0.3294

 18.8723, 0.5175,
0.3147

 81.4522, 0.2979,
0.3317

 16.5021, 0.5619,
0.3160

 92.8776, 0.2878,
0.3291

■ 15.0339, 0.6000,
0.3193

■ 92.8884, 0.2877,
0.3289

■ 14.3024, 0.6261,
0.3237

■ 14.2040, 0.6297,
0.3243

Harmonies

Analogous

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



39.4318, 0.3372, 0.2954



39.4318, 0.3679, 0.3217



39.4318, 0.3830, 0.3509

Triad

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



39.4318, 0.3679, 0.3217



39.4318, 0.3212, 0.3885



39.4318, 0.2508, 0.2787

Complementary

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



39.4318, 0.3679, 0.3217



58.8721, 0.2755, 0.3366

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.



39.4318, 0.2472, 0.3006



39.4318, 0.3679, 0.3217



39.4318, 0.2865, 0.3664

Square

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



39.4318, 0.3679, 0.3217



39.4318, 0.3548, 0.3916



39.4318, 0.2598, 0.3330



39.4318, 0.2699, 0.2709

Rectangle

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



39.4318, 0.3679, 0.3217



39.4318, 0.3819, 0.3690



39.4318, 0.2598, 0.3330



39.4318, 0.2477, 0.2845

Sweetspot

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



39.4336, 0.3679, 0.3217



86.5418, 0.3252, 0.3270



40.7096, 0.3096, 0.2580



18.0167, 0.3279, 0.3266



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.



39.4336, 0.3679, 0.3217



52.5509, 0.3851, 0.3200



47.5001, 0.3664, 0.3573



12.4409, 0.3275, 0.3267



8.6821, 0.6276, 0.3231



0.5307, 0.5952, 0.3053

Inverse Universe

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



39.4336, 0.3679, 0.3217



52.5509, 0.3851, 0.3200



48.4070, 0.2689, 0.2988



12.4409, 0.3275, 0.3267



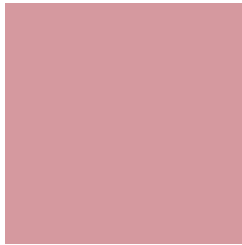
8.6821, 0.6276, 0.3231



0.5307, 0.5952, 0.3053

Previews

White Background



This preview shows how the Yxy color 39.4318, 0.3679, 0.3217 looks on a white background.

Color Contrast Check

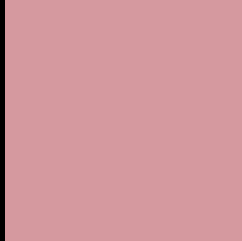
Large Text (above 18pt) WCAG AA × Fail

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 39.4318, 0.3679, 0.3217 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 39.4318, 0.3679, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 39.4318, 0.3679, 0.3217.



This preview shows how white text looks on a background with the Yxy color 39.4318, 0.3679, 0.3217.

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

39.4318, 0.3679, 0.3217

Protanopia

39.5659, 0.3173, 0.3304

Deuteranopia

39.5759, 0.3443, 0.3371



Tritanopia

39.4330, 0.3641, 0.3144

Trichromacy



Original Color

39.4318, 0.3679, 0.3217

Protanomaly

39.4395, 0.3348, 0.3277

Deuteranomaly

39.2707, 0.3522, 0.3304

Tritanomaly

39.3612, 0.3661, 0.3169

Monochromacy



Original Color

39.4318, 0.3679, 0.3217

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.2651, 0.3317, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4318, 0.3679, 0.3217 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(213, 153, 159)` looks like.

```
.text, #text, p{  
    color:rgb(213, 153, 159)  
}
```

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(213, 153, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 153, 159) }
```

Border

The CSS property to change the border of an element to Yxy 39.4318, 0.3679, 0.3217 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(213, 153, 159) }
```

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

```
.border{ border-color:rgb(213, 153, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 153, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 153, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 153, 159);  
box-shadow:4px 4px 4px 4px rgb(213, 153,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4318, 0.3679, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 153, 159) }
```

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

```
.background{ background-color: rgb(213,  
153, 159) }
```

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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