

# Converting Colors

$Y_{xy}(39.2779, 0.3692, 0.3219)$

Have a look what the booklet for  
Yxy(39.2779, 0.3692, 0.3219)  
contains.

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# Color

**Yxy(39.0712, 0.3692, 0.3217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5989E
RGB	213, 152, 158
RGB Percent	84%, 60%, 62%
CMY	0.1647, 0.4039, 0.3803
CMYK	0.00, 0.29, 0.26, 0.16
HSL	354°, 42%, 72%
HSV	354°, 29%, 84%
XYZ	44.8402, 39.0712, 37.5409
YIQ	170.9230, 34.4300, 14.7980

# Conversions

## Conversions Part 2

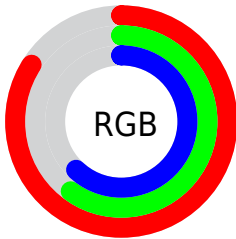
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 152, 158
Decimal	13998238
CIE <sub>Lab</sub>	68.80, 23.71, 5.97
CIE <sub>LCh</sub>	69, 24.447, 14.134
Yxy	39.0712, 0.3692, 0.3217
Android (android.graphics.Color)	4292188318 (0xFFD5989E)
YUV	170.9230, -6.3710, 36.9015
Hunter-Lab	62.5070, 18.6621, 8.1460

# Details

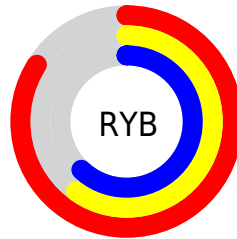
The Yxy color **39.0712, 0.3692, 0.3217** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.7621, 0.2749, 0.3366**, and the grayscale version is **40.7053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6897, 0.3452, 0.3230**, and **17.3440, 0.3867, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **32.1582, 0.3985, 0.3191**, and if you desaturate by 10%, it is **47.3325, 0.3454, 0.3244**.

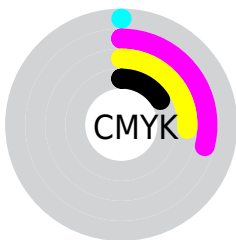
# Distribution



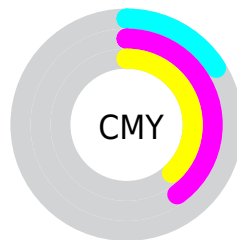
- Red (84%)
- Green (60%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (16%)




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


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0712, 0.3692, 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 39.0712, 0.3692, 0.3217 by changing the saturation by 10% instead.





 39.0712, 0.3692,  
0.3217


 39.0712, 0.3692,  
0.3217


342.1931, 0.3399,  
0.3259

 26.8151, 0.3768,  
0.3205


 73.7471, 0.3583,  
0.3234

 17.4344, 0.3869,  
0.3188


 96.9357, 0.3543,  
0.3239

 10.5447, 0.4005,  
0.3163

124.5372, 0.3509,  
0.3244

 5.7616, 0.4203,  
0.3124

156.9361, 0.3481,  
0.3248

 2.7007, 0.4512,  
0.3057

194.5167, 0.3456,  
0.3251

 0.9775, 0.5110,  
0.2948

237.6635, 0.3435,

 0.0000, 1.0000,

0.3254


0.0000


286.7609, 0.3416,  
0.3257


 0.0000, 0.0000,  
0.0000

 39.0712, 0.3692,  
0.3217


 39.0712, 0.3692,  
0.3217


 32.1582, 0.3985,  
0.3191

 47.3325, 0.3454,  
0.3244

 26.5168, 0.4339,  
0.3168


 57.0026, 0.3262,  
0.3269


 22.0710, 0.4751,  
0.3153

 68.1449, 0.3108,  
0.3293

 18.7344, 0.5199,  
0.3149

 80.8174, 0.2984,  
0.3315

 16.4091, 0.5643,  
0.3164

 92.8204, 0.2882,  
0.3299

■ 14.9801, 0.6018,  
0.3197

■ 92.8845, 0.2877,  
0.3289

■ 14.2724, 0.6273,  
0.3240

■ 14.1988, 0.6299,  
0.3244

# Harmonies

## Analogous

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



39.0712, 0.3379, 0.2949



39.0712, 0.3692, 0.3217



39.0712, 0.3845, 0.3515

# Triad

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



39.0712, 0.3692, 0.3217



39.0712, 0.3211, 0.3897



39.0712, 0.2496, 0.2776

# Complementary

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



39.0712, 0.3692, 0.3217



58.7621, 0.2749, 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.



39.0712, 0.2459, 0.2998



39.0712, 0.3692, 0.3217



39.0712, 0.2857, 0.3670

# Square

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



39.0712, 0.3692, 0.3217



39.0712, 0.3555, 0.3929



39.0712, 0.2587, 0.3328



39.0712, 0.2692, 0.2698



# Rectangle

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



39.0712, 0.3692, 0.3217



39.0712, 0.3832, 0.3699



39.0712, 0.2587, 0.3328



39.0712, 0.2465, 0.2835

# Sweetspot

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



39.0730, 0.3692, 0.3217



84.9602, 0.3270, 0.3268



40.5119, 0.3105, 0.2570



17.7017, 0.3296, 0.3264



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.



39.0730, 0.3692, 0.3217



52.5453, 0.3853, 0.3202



47.6194, 0.3672, 0.3590



12.4405, 0.3276, 0.3267



8.6812, 0.6279, 0.3233



0.5306, 0.5959, 0.3056



# Inverse Universe

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



39.0730, 0.3692, 0.3217



52.5453, 0.3853, 0.3202



47.7013, 0.2681, 0.2969



12.4405, 0.3276, 0.3267



8.6812, 0.6279, 0.3233



0.5306, 0.5959, 0.3056



# Previews

## White Background



This preview shows how the Yxy color 39.0712, 0.3692, 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 39.0712, 0.3692, 0.3217 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

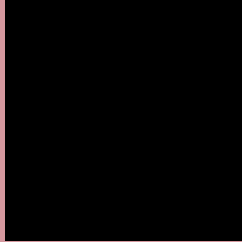
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 39.0712, 0.3692, 0.3217**

## **Background**



This preview shows how black text looks on a background with the Yxy color 39.0712, 0.3692, 0.3217.



This preview shows how white text looks on a background with the Yxy color 39.0712, 0.3692, 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

39.0712, 0.3692, 0.3217

### Protanopia

39.0854, 0.3164, 0.3290

### Deuteranopia

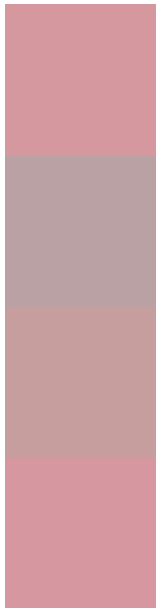
39.0598, 0.3445, 0.3371



## Tritanopia

39.0737, 0.3654, 0.3144

# Trichromacy



## Original Color

39.0712, 0.3692, 0.3217

## Protanomaly

38.9601, 0.3340, 0.3264

## Deuteranomaly

38.8938, 0.3534, 0.3304

## Tritanomaly

39.0026, 0.3674, 0.3168

# Monochromacy



## Original Color

39.0712, 0.3692, 0.3217

## Achromatopsia

40.7240, 0.3127, 0.3290

## Achromatomaly

39.7432, 0.3318, 0.3264

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.0712, 0.3692, 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, 152, 158)` looks like.

```
.text, #text, p{  
    color:rgb(213, 152, 158)  
}
```

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, 152, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 152, 158) }
```

## Border

The CSS property to change the border of an element to Yxy 39.0712, 0.3692, 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, 152, 158) }
```

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

```
.border{ border-color:rgb(213, 152, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 152, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 152, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 152, 158); box-shadow:4px 4px 4px 4px rgb(213, 152, 158) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.0712, 0.3692, 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, 152, 158) }
```

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

```
.background{ background-color: rgb(213,  
152, 158) }
```

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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