

Converting Colors

$Y_{xy}(38.0360, 0.3239, 0.2768)$

Have a look what the booklet for
Yxy(38.0360, 0.3239, 0.2768)
contains.

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Color

Yxy(38.0360, 0.3239, 0.2768)

Conversions

Conversions Part 1

Format	Color
Hex	C996C0
RGB	201, 150, 192
RGB Percent	79%, 59%, 75%
CMY	0.2118, 0.4117, 0.2470
CMYK	0.00, 0.25, 0.04, 0.21
HSL	311°, 32%, 69%
HSV	311°, 25%, 79%
XYZ	44.5082, 38.0360, 54.8691
YIQ	170.0370, 16.9140, 23.8740

Conversions

Conversions Part 2

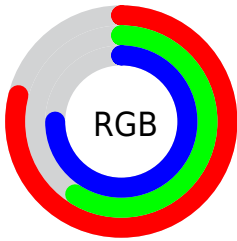
Format	Color
R _Y B	201, 150, 192
Decimal	13211328
CIE Lab	68.05, 26.00, -14.25
CIE LCh	68, 29.648, 331.282
Yxy	38.0360, 0.3239, 0.2768
Android (android.graphics.Color)	4291401408 (0xFFC996C0)
YUV	170.0370, 10.8278, 27.1546
Hunter-Lab	61.6733, 20.8908, -9.5774

Details

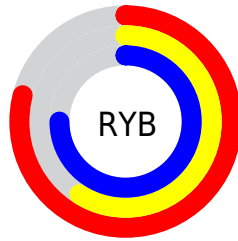
The Yxy color **38.0360, 0.3239, 0.2768** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.7599, 0.3033, 0.3875**, and the grayscale version is **40.1576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7000, 0.3199, 0.2866**, and **16.8697, 0.3268, 0.2637** is the 20% darker color. If you saturate the color by 10%, you get **32.0082, 0.3294, 0.2560**, and if you desaturate by 10%, it is **45.1712, 0.3190, 0.2978**.

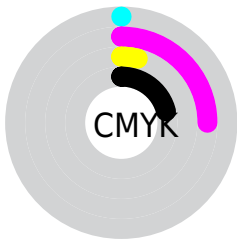
Distribution



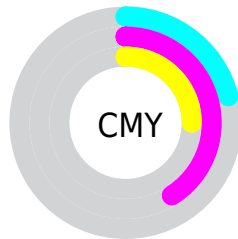
- Red (79%)
- Green (59%)
- Blue (75%)



- Red (79%)
- Yellow (59%)
- Blue (75%)



- Cyan (0%)
- Magenta (25%)
- Yellow (4%)
- Black (21%)




- Cyan (21%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0360, 0.3239, 0.2768 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 38.0360, 0.3239, 0.2768 by changing the saturation by 10% instead.


 38.0360, 0.3239,
0.2768


 38.0360, 0.3239,
0.2768


337.7744, 0.3186,
0.3027

 26.0106, 0.3251,
0.2704


 72.1633, 0.3221,
0.2861

 16.8316, 0.3266,
0.2623

 95.0340, 0.3213,
0.2896

 10.1145, 0.3285,
0.2516


122.2887, 0.3207,
0.2926

 5.4749, 0.3310,
0.2369

154.3116, 0.3202,
0.2952

 2.5285, 0.3342,
0.2155

191.4873, 0.3197,
0.2974

 0.8909, 0.3381,
0.1818

234.2000, 0.3193,

 0.0000, 0.3608,

0.2994

0.0000

282.8343, 0.3189,
0.3011

0.0000, 0.0000,
0.0000

38.0360, 0.3239,
0.2768

38.0360, 0.3239,
0.2768

32.0082, 0.3294,
0.2560

45.1712, 0.3190,
0.2978

27.0266, 0.3354,
0.2361

53.4608, 0.3148,
0.3183

23.0317, 0.3419,
0.2181

62.9555, 0.3111,
0.3380

19.9561, 0.3486,
0.2030

73.7012, 0.3079,
0.3565

17.7238, 0.3555,
0.1917

85.7416, 0.3052,
0.3737

■ 16.2466, 0.3622,
0.1847

■ 88.7550, 0.3032,
0.3743

■ 15.4168, 0.3686,
0.1823

■ 88.9372, 0.3012,
0.3703

■ 15.1544, 0.3715,
0.1820

■ 89.1234, 0.2993,
0.3664

■ 89.3136, 0.2974,
0.3624

Harmonies

Analogous

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



38.0360, 0.2802, 0.2602



38.0360, 0.3239, 0.2768



38.0360, 0.3672, 0.3051

Triad

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



38.0360, 0.3239, 0.2768



38.0360, 0.3791, 0.4011



38.0360, 0.2361, 0.3088

Complementary

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



38.0360, 0.3239, 0.2768



50.7599, 0.3033, 0.3875

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.



38.0360, 0.2591, 0.3522



38.0360, 0.3239, 0.2768



38.0360, 0.3411, 0.4088

Square

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



38.0360, 0.3239, 0.2768



38.0360, 0.3998, 0.3747



38.0360, 0.2971, 0.3909



38.0360, 0.2322, 0.2756

Rectangle

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



38.0360, 0.3239, 0.2768



38.0360, 0.3887, 0.3280



38.0360, 0.2971, 0.3909



38.0360, 0.2417, 0.3227

Sweetspot

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



38.0377, 0.3239, 0.2768



87.4384, 0.3159, 0.3128



33.3516, 0.2767, 0.2589



18.2422, 0.3165, 0.3096



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.



38.0377, 0.3239, 0.2768



59.6817, 0.3266, 0.2662



37.0217, 0.3483, 0.3073



10.7833, 0.3164, 0.3102



9.5409, 0.3707, 0.1816



0.4604, 0.3586, 0.1749

Inverse Universe

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



38.0377, 0.3239, 0.2768



59.6817, 0.3266, 0.2662



51.7175, 0.2866, 0.3520



10.7833, 0.3164, 0.3102



9.5409, 0.3707, 0.1816



0.4604, 0.3586, 0.1749

Previews

White Background



This preview shows how the Yxy color 38.0360, 0.3239, 0.2768 looks on a white background.

Color Contrast Check

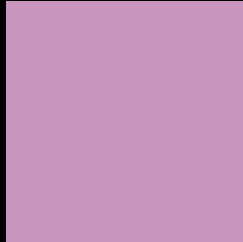
Large Text (above 18pt) WCAG AA × Fail

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 38.0360, 0.3239, 0.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

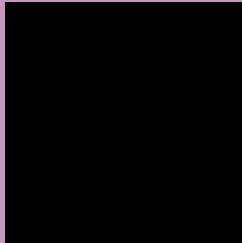
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0360, 0.3239, 0.2768

Background



This preview shows how black text looks on a background with the Yxy color 38.0360, 0.3239, 0.2768.



This preview shows how white text looks on a background with the Yxy color 38.0360, 0.3239, 0.2768.

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

38.0360, 0.3239, 0.2768

Protanopia

38.4436, 0.2770, 0.2787

Deuteranopia

38.2163, 0.2972, 0.2911



Tritanopia

38.2385, 0.3443, 0.3136

Trichromacy



Original Color

38.0360, 0.3239, 0.2768

Protanomaly

38.2175, 0.2933, 0.2787

Deuteranomaly

38.1604, 0.3063, 0.2857

Tritanomaly

38.0592, 0.3368, 0.2997

Monochromacy



Original Color

38.0360, 0.3239, 0.2768

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2325, 0.3165, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0360, 0.3239, 0.2768 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, 150, 192)` looks like.

```
.text, #text, p{  
    color:rgb(201, 150, 192)  
}
```

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, 150, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 150, 192) }
```

Border

The CSS property to change the border of an element to Yxy 38.0360, 0.3239, 0.2768 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, 150, 192) }
```

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

```
.border{ border-color:rgb(201, 150, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 150, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 150, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 150, 192);  
box-shadow:4px 4px 4px 4px rgb(201, 150,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0360, 0.3239, 0.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 150, 192) }
```

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

```
.background{ background-color: rgb(201,  
150, 192) }
```

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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