

Converting Colors

$Yxy(38.1184, 0.2906, 0.2770)$

Have a look what the booklet for
Yxy(38.1184, 0.2906, 0.2770)
contains.

| | |
|--|----|
| Yxy(38.0358, 0.2908, 0.2772) | 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(38.0358, 0.2908, 0.2772)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | ACA0C7 |
| RGB | 172, 160, 199 |
| RGB Percent | 67%, 63%, 78% |
| CMY | 0.3253, 0.3726, 0.2196 |
| CMYK | 0.14, 0.20, 0.00, 0.22 |
| HSL | 259°, 26%, 70% |
| HSV | 259°, 20%, 78% |
| XYZ | 39.9019, 38.0358, 59.2766 |
| YIQ | 168.0340, -5.3670, 14.6730 |

Conversions

Conversions Part 2

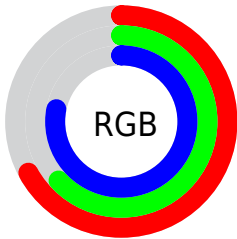
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 172, 160, 199 |
| Decimal | 11313351 |
| CIE Lab | 68.05, 12.12, -18.40 |
| CIE LCh | 68, 22.030, 303.367 |
| Yxy | 38.0358, 0.2908, 0.2772 |
| Android (android.graphics.Color) | 4289503431 (0xFFACA0C7) |
| YUV | 168.0340, 15.2662, 3.4782 |
| Hunter-Lab | 61.6732, 7.5596, -13.8148 |

Details

The Yxy color **38.0358, 0.2908, 0.2772** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.9464, 0.3319, 0.3789**, and the grayscale version is **39.1049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3149, 0.2958, 0.2878**, and **16.9036, 0.2834, 0.2634** is the 20% darker color. If you saturate the color by 10%, you get **30.2051, 0.2772, 0.2473**, and if you desaturate by 10%, it is **47.1350, 0.3028, 0.3049**.

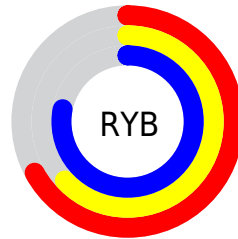
Distribution



Red (67%)

Green (63%)

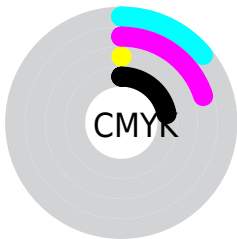
Blue (78%)



Red (67%)

Yellow (63%)

Blue (78%)

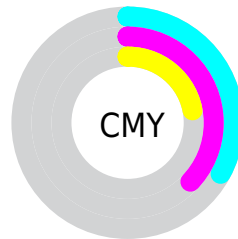


Cyan (14%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (33%)


Magenta (37%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0358, 0.2908, 0.2772 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 38.0358, 0.2908, 0.2772 by changing the saturation by 10% instead.


 38.0358, 0.2908,
0.2772


 38.0358, 0.2908,
0.2772


337.7735, 0.3023,
0.3031

 26.0105, 0.2878,
0.2707


 72.1630, 0.2951,
0.2866

 16.8315, 0.2838,
0.2625


 95.0337, 0.2967,
0.2902

 10.1144, 0.2783,
0.2515


122.2883, 0.2980,
0.2931

 5.4749, 0.2704,
0.2363

154.3111, 0.2991,
0.2957

 2.5285, 0.2581,
0.2140

191.4867, 0.3001,
0.2979

 0.8909, 0.2364,
0.1785

234.1994, 0.3009,

 0.0000, 0.0789,

0.2999

0.0000

282.8335, 0.3017,
0.3016

0.0000, 0.0000,
0.0000

38.0358, 0.2908,
0.2772

38.0358, 0.2908,
0.2772

30.2051, 0.2772,
0.2473

47.1350, 0.3028,
0.3049

23.5809, 0.2621,
0.2157

57.5515, 0.3131,
0.3299

18.1029, 0.2457,
0.1836

69.3375, 0.3219,
0.3524

13.7037, 0.2287,
0.1525

82.5407, 0.3295,
0.3723

10.3086, 0.2118,
0.1242

94.3077, 0.3365,
0.3857

■ 7.8330, 0.1961,
0.1006

■ 96.8162, 0.3457,
0.3841

■ 6.1778, 0.1824,
0.0832

■ 96.9040, 0.3460,
0.3840

■ 5.1674, 0.1713,
0.0719

■ 5.1331, 0.1709,
0.0715

Harmonies

Analogous

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



38.0358, 0.2651, 0.2759



38.0358, 0.2908, 0.2772



38.0358, 0.3238, 0.2906

Triad

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



38.0358, 0.2908, 0.2772



38.0358, 0.3770, 0.3659



38.0358, 0.2711, 0.3441

Complementary

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



38.0358, 0.2908, 0.2772



53.9464, 0.3319, 0.3789

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.



38.0358, 0.2994, 0.3725



38.0358, 0.2908, 0.2772



38.0358, 0.3610, 0.3839

Square

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



38.0358, 0.2908, 0.2772



38.0358, 0.3750, 0.3401



38.0358, 0.3323, 0.3872



38.0358, 0.2542, 0.3127

Rectangle

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



38.0358, 0.2908, 0.2772



38.0358, 0.3455, 0.3048



38.0358, 0.3323, 0.3872



38.0358, 0.2795, 0.3545

Sweetspot

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



38.0374, 0.2908, 0.2772



88.6740, 0.3066, 0.3140



47.2652, 0.2827, 0.3134



18.7273, 0.3059, 0.3123



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.



38.0374, 0.2908, 0.2772



59.8194, 0.2846, 0.2633



40.3637, 0.3079, 0.2798



10.4439, 0.3030, 0.3055



3.3415, 0.1722, 0.0722



0.1970, 0.1960, 0.0853

Inverse Universe

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



40.8657, 0.3257, 0.2952



65.8152, 0.3295, 0.2867



51.6907, 0.3163, 0.3814



10.7586, 0.3184, 0.3132



8.9940, 0.4170, 0.2071



0.4384, 0.3923, 0.1935

Previews

White Background



This preview shows how the Yxy color 38.0358, 0.2908, 0.2772 looks on a white background.

Color Contrast Check

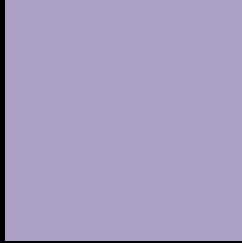
Large Text (above 18pt) WCAG AA × Fail

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 38.0358, 0.2908, 0.2772 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 38.0358, 0.2908, 0.2772

Background



This preview shows how black text looks on a background with the Yxy color 38.0358, 0.2908, 0.2772.



This preview shows how white text looks on a background with the Yxy color 38.0358, 0.2908, 0.2772.

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

38.0358, 0.2908, 0.2772

Protanopia

37.9833, 0.2761, 0.2772

Deuteranopia

38.0712, 0.2857, 0.2792



Tritanopia

38.0501, 0.3053, 0.3109

Trichromacy



Original Color

38.0358, 0.2908, 0.2772

Protanomaly

38.0928, 0.2809, 0.2776

Deuteranomaly

37.9381, 0.2873, 0.2781

Tritanomaly

38.1322, 0.2995, 0.2989

Monochromacy



Original Color

38.0358, 0.2908, 0.2772

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6000, 0.3045, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0358, 0.2908, 0.2772 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(172, 160, 199)` looks like.

```
.text, #text, p{  
    color:rgb(172, 160, 199)  
}
```

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(172, 160, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 160, 199) }
```

Border

The CSS property to change the border of an element to Yxy 38.0358, 0.2908, 0.2772 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(172, 160, 199) }
```

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

```
.border{ border-color:rgb(172, 160, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 160, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 160, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 160, 199);  
box-shadow:4px 4px 4px 4px rgb(172, 160,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0358, 0.2908, 0.2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 160, 199) }
```

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

```
.background{ background-color: rgb(172,  
160, 199) }
```

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