

Converting Colors

$Yxy(38.6553, 0.3332, 0.3070)$

Have a look what the booklet for
Yxy(38.6553, 0.3332, 0.3070)
contains.

Yxy(38.6393, 0.3332, 0.3070)	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(38.6393, 0.3332, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	C29DAE
RGB	194, 157, 174
RGB Percent	76%, 62%, 68%
CMY	0.2394, 0.3842, 0.3177
CMYK	0.00, 0.19, 0.10, 0.24
HSL	332°, 23%, 69%
HSV	332°, 19%, 76%
XYZ	41.9369, 38.6393, 45.2848
YIQ	170.0010, 16.5950, 13.1310

Conversions

Conversions Part 2

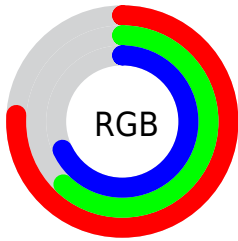
Format	Color
RYB	194, 157, 174
Decimal	12754350
CIELab	68.49, 16.47, -3.62
CIELCh	68, 16.862, 347.611
Yxy	38.6393, 0.3332, 0.3070
Android (android.graphics.Color)	4290944430 (0xFFC29DAE)
YUV	170.0010, 1.9715, 21.0471
Hunter-Lab	62.1605, 11.6449, 0.3188

Details

The Yxy color **38.6393, 0.3332, 0.3070** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9118, 0.2961, 0.3521**, and the grayscale version is **40.1820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2533, 0.3298, 0.3118**, and **17.2887, 0.3389, 0.3007** is the 20% darker color. If you saturate the color by 10%, you get **32.1962, 0.3473, 0.2948**, and if you desaturate by 10%, it is **46.1598, 0.3215, 0.3188**.

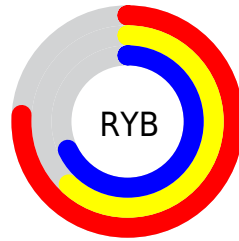
Distribution



Red (76%)

Green (62%)

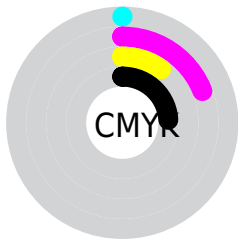
Blue (68%)



Red (76%)

Yellow (62%)

Blue (68%)

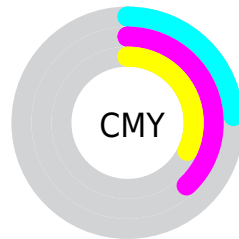


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6393, 0.3332, 0.3070 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 38.6393, 0.3332, 0.3070 by changing the saturation by 10% instead.


 38.6393, 0.3332,
0.3070


 38.6393, 0.3332,
0.3070

340.3545, 0.3227,
0.3182

 26.4792, 0.3359,
0.3042


 73.0870, 0.3293,
0.3111

 17.1825, 0.3394,
0.3005

 96.1434, 0.3279,
0.3126

 10.3647, 0.3442,
0.2955


123.6007, 0.3267,
0.3139

 5.6414, 0.3510,
0.2884

155.8433, 0.3257,
0.3150

 2.6283, 0.3616,
0.2776

193.2555, 0.3248,
0.3160

 0.9409, 0.3802,
0.2589

236.2219, 0.3240,

 0.0000, 0.7744,

0.3168

0.0000

285.1268, 0.3233,
0.3175

0.0000, 0.0000,
0.0000

38.6393, 0.3332,
0.3070

38.6393, 0.3332,
0.3070

32.1962, 0.3473,
0.2948

46.1598, 0.3215,
0.3188

26.7754, 0.3640,
0.2826

54.7989, 0.3119,
0.3300

22.3250, 0.3837,
0.2710

64.6021, 0.3039,
0.3405

18.7863, 0.4063,
0.2611

75.6109, 0.2974,
0.3501

16.0942, 0.4315,
0.2540

87.8645, 0.2920,
0.3589

■ 14.1747, 0.4583,
0.2509

■ 89.0942, 0.2865,
0.3483

■ 12.9410, 0.4854,
0.2529

■ 89.7251, 0.2811,
0.3370

■ 12.2442, 0.5115,
0.2598

■ 90.2045, 0.2773,
0.3289

■ 12.1871, 0.5139,
0.2605

Harmonies

Analogous

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



38.6393, 0.3078, 0.2928



38.6393, 0.3332, 0.3070



38.6393, 0.3535, 0.3268

Triad

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



38.6393, 0.3332, 0.3070



38.6393, 0.3402, 0.3734



38.6393, 0.2654, 0.3070

Complementary

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



38.6393, 0.3332, 0.3070



48.9118, 0.2961, 0.3521

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.



38.6393, 0.2733, 0.3292



38.6393, 0.3332, 0.3070



38.6393, 0.3160, 0.3691

Square

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



38.6393, 0.3332, 0.3070



38.6393, 0.3575, 0.3651



38.6393, 0.2916, 0.3525



38.6393, 0.2694, 0.2921

Rectangle

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



38.6393, 0.3332, 0.3070



38.6393, 0.3611, 0.3410



38.6393, 0.2916, 0.3525



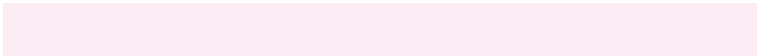
38.6393, 0.2667, 0.3139

Sweetspot

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



38.6410, 0.3332, 0.3070



88.0710, 0.3185, 0.3222



37.3291, 0.2990, 0.2800



19.0651, 0.3192, 0.3215



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.



38.6410, 0.3332, 0.3070



64.7586, 0.3390, 0.3017



38.4395, 0.3493, 0.3307



10.1531, 0.3219, 0.3185



8.0322, 0.5108, 0.2588



0.3609, 0.4577, 0.2295

Inverse Universe

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



38.6410, 0.3332, 0.3070



64.7586, 0.3390, 0.3017



49.0852, 0.2844, 0.3273



10.1531, 0.3219, 0.3185



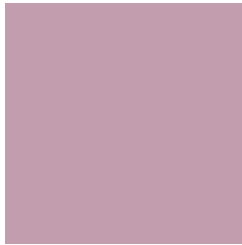
8.0322, 0.5108, 0.2588



0.3609, 0.4577, 0.2295

Previews

White Background



This preview shows how the Yxy color 38.6393, 0.3332, 0.3070 looks on a white background.

Color Contrast Check

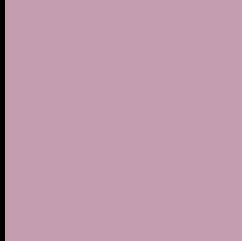
Large Text (above 18pt) WCAG AA × Fail

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 38.6393, 0.3332, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

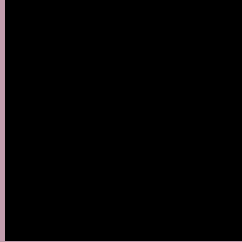
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6393, 0.3332, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 38.6393, 0.3332, 0.3070.



This preview shows how white text looks on a background with the Yxy color 38.6393, 0.3332, 0.3070.

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

38.6393, 0.3332, 0.3070

Protanopia

38.7832, 0.3018, 0.3096

Deuteranopia

38.6815, 0.3210, 0.3142



Tritanopia

38.6935, 0.3359, 0.3134

Trichromacy



Original Color

38.6393, 0.3332, 0.3070

Protanomaly

38.7558, 0.3127, 0.3087

Deuteranomaly

38.5978, 0.3260, 0.3117

Tritanomaly

38.7315, 0.3349, 0.3121

Monochromacy



Original Color

38.6393, 0.3332, 0.3070

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.4342, 0.3206, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6393, 0.3332, 0.3070 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(194, 157, 174)` looks like.

```
.text, #text, p{  
    color:rgb(194, 157, 174)  
}
```

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(194, 157, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 157, 174) }
```

Border

The CSS property to change the border of an element to Yxy 38.6393, 0.3332, 0.3070 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(194, 157, 174) }
```

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

```
.border{ border-color:rgb(194, 157, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 157, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 157, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 157, 174); box-shadow:4px 4px 4px 4px rgb(194, 157, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6393, 0.3332, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 157, 174) }
```

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

```
.background{ background-color: rgb(194,  
157, 174) }
```

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