

Converting Colors

$Yxy(38.4850, 0.3377, 0.3045)$

Have a look what the booklet for
Yxy(38.4850, 0.3377, 0.3045)
contains.

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Color

Yxy(38.5044, 0.3375, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	C69BAE
RGB	198, 155, 174
RGB Percent	78%, 61%, 68%
CMY	0.2235, 0.3921, 0.3178
CMYK	0.00, 0.22, 0.12, 0.22
HSL	334°, 27%, 69%
HSV	334°, 22%, 78%
XYZ	42.6493, 38.5044, 45.2146
YIQ	170.0230, 19.5290, 15.0250

Conversions

Conversions Part 2

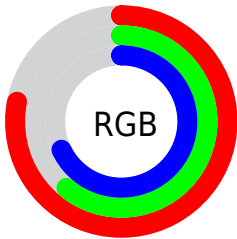
Format	Color
RYB	198, 155, 174
Decimal	13015982
CIELab	68.39, 19.04, -3.71
CIELCh	68, 19.395, 348.971
Yxy	38.5044, 0.3375, 0.3047
Android (android.graphics.Color)	4291206062 (0xFFC69BAE)
YUV	170.0230, 1.9607, 24.5358
Hunter-Lab	62.0519, 14.0951, 0.2343

Details

The Yxy color **38.5044, 0.3375, 0.3047** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.6172, 0.2933, 0.3547**, and the grayscale version is **40.1938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0103, 0.3330, 0.3100**, and **17.2351, 0.3449, 0.2977** is the 20% darker color. If you saturate the color by 10%, you get **32.0328, 0.3528, 0.2929**, and if you desaturate by 10%, it is **46.0957, 0.3248, 0.3162**.

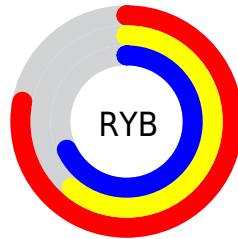
Distribution



Red (78%)

Green (61%)

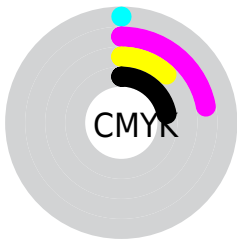
Blue (68%)



Red (78%)

Yellow (61%)

Blue (68%)

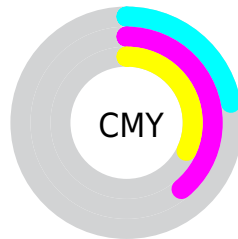


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (22%)



Cyan (22%)

Magenta (39%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5044, 0.3375, 0.3047 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 38.5044, 0.3375, 0.3047 by changing the saturation by 10% instead.


 38.5044, 0.3375,
0.3047


 38.5044, 0.3375,
0.3047


339.7788, 0.3248,
0.3170

 26.3744, 0.3408,
0.3016


 72.8806, 0.3328,
0.3092

 17.1039, 0.3450,
0.2975


 95.8956, 0.3311,
0.3109

 10.3086, 0.3508,
0.2920


123.3077, 0.3296,
0.3123

 5.6041, 0.3591,
0.2842

155.5013, 0.3284,
0.3136

 2.6059, 0.3719,
0.2723

192.8608, 0.3273,
0.3146

 0.9296, 0.3945,
0.2519

235.7707, 0.3264,

 0.0000, 0.8187,

0.3155

0.0000

284.6152, 0.3255,
0.3163

■ 0.0000, 0.0000,
0.0000

■ 38.5044, 0.3375,
0.3047

■ 38.5044, 0.3375,
0.3047

■ 32.0328, 0.3528,
0.2929

■ 46.0957, 0.3248,
0.3162

■ 26.6223, 0.3710,
0.2812

■ 54.8513, 0.3143,
0.3272

■ 22.2166, 0.3923,
0.2705

■ 64.8199, 0.3057,
0.3374

■ 18.7523, 0.4167,
0.2616

■ 76.0456, 0.2986,
0.3469

■ 16.1586, 0.4436,
0.2559

■ 88.5704, 0.2927,
0.3556

■ 14.3544, 0.4718,
0.2545

■ 89.8404, 0.2869,
0.3445

■ 13.2433, 0.4998,
0.2584

■ 90.5197, 0.2812,
0.3326

■ 12.7006, 0.5219,
0.2649

■ 90.7469, 0.2794,
0.3289

Harmonies

Analogous

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



38.5044, 0.3083, 0.2882



38.5044, 0.3375, 0.3047



38.5044, 0.3606, 0.3273

Triad

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



38.5044, 0.3375, 0.3047



38.5044, 0.3431, 0.3804



38.5044, 0.2584, 0.3025

Complementary

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



38.5044, 0.3375, 0.3047



50.6172, 0.2933, 0.3547

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.



38.5044, 0.2668, 0.3278



38.5044, 0.3375, 0.3047



38.5044, 0.3150, 0.3749

Square

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



38.5044, 0.3375, 0.3047



38.5044, 0.3636, 0.3711



38.5044, 0.2872, 0.3550



38.5044, 0.2636, 0.2860

Rectangle

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



38.5044, 0.3375, 0.3047



38.5044, 0.3688, 0.3435



38.5044, 0.2872, 0.3550



38.5044, 0.2597, 0.3102

Sweetspot

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



38.5061, 0.3375, 0.3047



88.5093, 0.3197, 0.3214



37.0647, 0.2974, 0.2726



18.7433, 0.3204, 0.3207



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.



38.5061, 0.3375, 0.3047



62.5853, 0.3443, 0.2992



38.5400, 0.3556, 0.3319



10.7134, 0.3222, 0.3189



8.2754, 0.5186, 0.2631



0.4064, 0.4671, 0.2347

Inverse Universe

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



38.5061, 0.3375, 0.3047



62.5853, 0.3443, 0.2992



50.4624, 0.2806, 0.3261



10.7134, 0.3222, 0.3189



8.2754, 0.5186, 0.2631



0.4064, 0.4671, 0.2347

Previews

White Background



This preview shows how the Yxy color 38.5044, 0.3375, 0.3047 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 38.5044, 0.3375, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

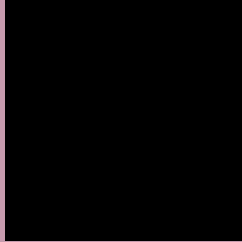
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5044, 0.3375, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 38.5044, 0.3375, 0.3047.



This preview shows how white text looks on a background with the Yxy color 38.5044, 0.3375, 0.3047.

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

38.5044, 0.3375, 0.3047

Protanopia

38.7156, 0.3001, 0.3082

Deuteranopia

38.6815, 0.3210, 0.3142



Tritanopia

38.4744, 0.3421, 0.3135

Trichromacy



Original Color

38.5044, 0.3375, 0.3047

Protanomaly

38.5200, 0.3137, 0.3074

Deuteranomaly

38.3782, 0.3271, 0.3104

Tritanomaly

38.5495, 0.3402, 0.3110

Monochromacy



Original Color

38.5044, 0.3375, 0.3047

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.5538, 0.3215, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5044, 0.3375, 0.3047 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(198, 155, 174)` looks like.

```
.text, #text, p{  
    color:rgb(198, 155, 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(198, 155, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 155, 174) }
```

Border

The CSS property to change the border of an element to Yxy 38.5044, 0.3375, 0.3047 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(198, 155, 174) }
```

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

```
.border{ border-color:rgb(198, 155, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 155, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 155, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 155, 174);  
box-shadow:4px 4px 4px 4px rgb(198, 155,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5044, 0.3375, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 155, 174) }
```

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

```
.background{ background-color: rgb(198,  
155, 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](#).

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