

Converting Colors

$Yxy(38.3893, 0.3395, 0.3199)$

Have a look what the booklet for
Yxy(38.3893, 0.3395, 0.3199)
contains.

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Color

Yxy(38.3768, 0.3397, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	C09EA5
RGB	192, 158, 165
RGB Percent	75%, 62%, 65%
CMY	0.2469, 0.3804, 0.3529
CMYK	0.00, 0.18, 0.14, 0.25
HSL	348°, 21%, 69%
HSV	348°, 18%, 75%
XYZ	40.7648, 38.3768, 40.8609
YIQ	168.9640, 18.0170, 9.3850

Conversions

Conversions Part 2

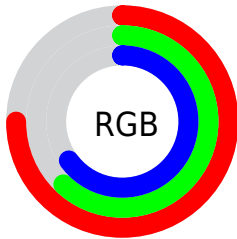
Format	Color
RYB	192, 158, 165
Decimal	12623525
CIELab	68.30, 13.72, 1.08
CIElCh	68, 13.759, 4.504
Yxy	38.3768, 0.3397, 0.3198
Android (android.graphics.Color)	4290813605 (0xFFC09EA5)
YUV	168.9640, -1.9543, 20.2026
Hunter-Lab	61.9490, 9.0491, 4.2573

Details

The Yxy color **38.3768, 0.3397, 0.3198** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.4886, 0.2912, 0.3384**, and the grayscale version is **39.6633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8955, 0.3346, 0.3219**, and **17.1109, 0.3481, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **31.8091, 0.3600, 0.3143**, and if you desaturate by 10%, it is **46.0378, 0.3233, 0.3251**.

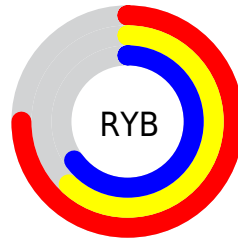
Distribution



Red (75%)

Green (62%)

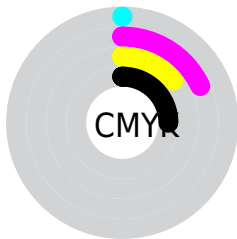
Blue (65%)



Red (75%)

Yellow (62%)

Blue (65%)

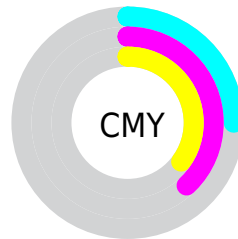


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3768, 0.3397, 0.3198 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 38.3768, 0.3397, 0.3198 by changing the saturation by 10% instead.

 38.3768, 0.3397,
0.3198


 38.3768, 0.3397,
0.3198


339.2336, 0.3257,
0.3246

 26.2753, 0.3433,
0.3185


 72.6853, 0.3345,
0.3216

 17.0297, 0.3481,
0.3169


 95.6611, 0.3326,
0.3223

 10.2557, 0.3547,
0.3146


123.0304, 0.3310,
0.3228

 5.5688, 0.3642,
0.3112

155.1776, 0.3296,
0.3233

 2.5847, 0.3792,
0.3058

192.4871, 0.3285,
0.3237

 0.9190, 0.4067,
0.2958

235.3434, 0.3274,

 0.0000, 1.0000,

0.3240

0.0000

284.1307, 0.3265,
0.3243

0.0000, 0.0000,
0.0000

38.3768, 0.3397,
0.3198

38.3768, 0.3397,
0.3198

31.8091, 0.3600,
0.3143

46.0378, 0.3233,
0.3251

26.2798, 0.3848,
0.3087

54.8334, 0.3099,
0.3301

21.7371, 0.4147,
0.3036

64.8093, 0.2991,
0.3347

18.1225, 0.4497,
0.2996

76.0068, 0.2903,
0.3388

15.3713, 0.4889,
0.2975

88.4655, 0.2831,
0.3426

■ 13.4108, 0.5298,
0.2982

■ 89.9518, 0.2763,
0.3289

■ 12.1557, 0.5684,
0.3025

■ 11.4812, 0.6001,
0.3099

■ 11.3623, 0.6064,
0.3114

Harmonies

Analogous

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



38.3768, 0.3206, 0.3050



38.3768, 0.3397, 0.3198



38.3768, 0.3515, 0.3373

Triad

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



38.3768, 0.3397, 0.3198



38.3768, 0.3246, 0.3644



38.3768, 0.2744, 0.3033

Complementary

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



38.3768, 0.3397, 0.3198



48.4886, 0.2912, 0.3384

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.



38.3768, 0.2754, 0.3187



38.3768, 0.3397, 0.3198



38.3768, 0.3039, 0.3549

Square

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



38.3768, 0.3397, 0.3198



38.3768, 0.3425, 0.3635



38.3768, 0.2861, 0.3378



38.3768, 0.2832, 0.2953

Rectangle

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



38.3768, 0.3397, 0.3198



38.3768, 0.3534, 0.3484



38.3768, 0.2861, 0.3378



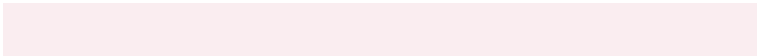
38.3768, 0.2736, 0.3077

Sweetspot

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



38.3785, 0.3397, 0.3198



87.3989, 0.3194, 0.3265



38.5297, 0.3079, 0.2847



18.5165, 0.3204, 0.3261



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.3785, 0.3397, 0.3198



64.9956, 0.3465, 0.3178



41.5512, 0.3443, 0.3418



10.1111, 0.3257, 0.3243



7.6513, 0.6035, 0.3098



0.3408, 0.5412, 0.2755

Inverse Universe

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



38.3785, 0.3397, 0.3198



64.9956, 0.3465, 0.3178



44.6924, 0.2857, 0.3158



10.1111, 0.3257, 0.3243



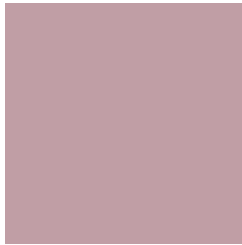
7.6513, 0.6035, 0.3098



0.3408, 0.5412, 0.2755

Previews

White Background



This preview shows how the Yxy color 38.3768, 0.3397, 0.3198 looks on a white background.

Color Contrast Check

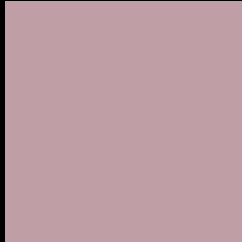
Large Text (above 18pt) WCAG AA × Fail

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 38.3768, 0.3397, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

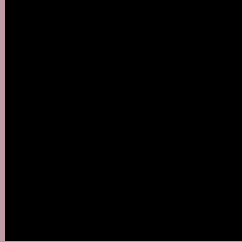
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3768, 0.3397, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 38.3768, 0.3397, 0.3198.



This preview shows how white text looks on a background with the Yxy color 38.3768, 0.3397, 0.3198.

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

38.3768, 0.3397, 0.3198

Protanopia

38.6097, 0.3121, 0.3234

Deuteranopia

38.3604, 0.3322, 0.3250



Tritanopia

38.3537, 0.3360, 0.3120

Trichromacy



Original Color

38.3768, 0.3397, 0.3198

Protanomaly

38.3687, 0.3216, 0.3222

Deuteranomaly

38.3867, 0.3353, 0.3237

Tritanomaly

38.2786, 0.3380, 0.3146

Monochromacy



Original Color

38.3768, 0.3397, 0.3198

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0845, 0.3213, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3768, 0.3397, 0.3198 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(192, 158, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 158, 165)  
}
```

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(192, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 158, 165) }
```

Border

The CSS property to change the border of an element to Yxy 38.3768, 0.3397, 0.3198 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(192, 158, 165) }
```

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

```
.border{ border-color:rgb(192, 158, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 158, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 158,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3768, 0.3397, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 158, 165) }
```

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

```
.background{ background-color: rgb(192,  
158, 165) }
```

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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