

Converting Colors

Yxy(39.5994, 0.3321, 0.3040)

Have a look what the booklet for
Yxy(39.5994, 0.3321, 0.3040)
contains.

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Color

Yxy(39.5384, 0.3322, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	C59EB2
RGB	197, 158, 178
RGB Percent	77%, 62%, 70%
CMY	0.2274, 0.3804, 0.3018
CMYK	0.00, 0.20, 0.10, 0.23
HSL	329°, 25%, 70%
HSV	329°, 20%, 77%
XYZ	43.2916, 39.5384, 47.4878
YIQ	171.9410, 16.8240, 14.4880

Conversions

Conversions Part 2

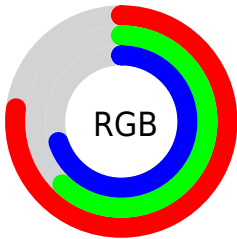
Format	Color
RYB	197, 158, 178
Decimal	12951218
CIELab	69.14, 17.72, -4.88
CIElCh	69, 18.381, 344.606
Yxy	39.5384, 0.3322, 0.3034
Android (android.graphics.Color)	4291141298 (0xFFC59EB2)
YUV	171.9410, 2.9871, 21.9767
Hunter-Lab	62.8796, 12.8551, -0.7612

Details

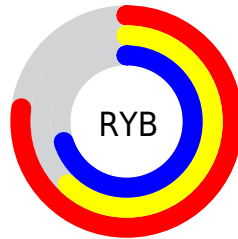
The Yxy color **39.5384, 0.3322, 0.3034** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.3751, 0.2969, 0.3561**, and the grayscale version is **41.2035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5998, 0.3284, 0.3080**, and **17.6284, 0.3389, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **32.9779, 0.3450, 0.2898**, and if you desaturate by 10%, it is **47.2065, 0.3215, 0.3167**.

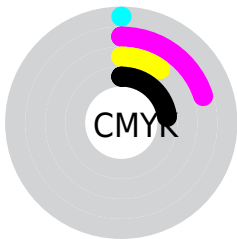
Distribution



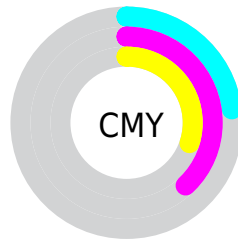
- Red (77%)
- Green (62%)
- Blue (70%)



- Red (77%)
- Yellow (62%)
- Blue (70%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)
- Black (23%)



- Cyan (23%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5384, 0.3322, 0.3034 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 39.5384, 0.3322, 0.3034 by changing the saturation by 10% instead.


 39.5384, 0.3322,
0.3034


 39.5384, 0.3322,
0.3034

344.1741, 0.3223,
0.3163

 27.1788, 0.3347,
0.3001


 74.4601, 0.3286,
0.3081

 17.7076, 0.3380,
0.2959


 97.7910, 0.3272,
0.3099

 10.7402, 0.3424,
0.2903


125.5478, 0.3261,
0.3114

 5.8924, 0.3486,
0.2824

158.1149, 0.3251,
0.3126

 2.7798, 0.3582,
0.2704

195.8767, 0.3243,
0.3137

 1.0179, 0.3746,
0.2502

239.2176, 0.3235,

 0.0000, 0.5903,

0.3147

0.0000

288.5219, 0.3229,
0.3156

0.0000, 0.0000,
0.0000

39.5384, 0.3322,
0.3034

39.5384, 0.3322,
0.3034

32.9779, 0.3450,
0.2898

47.2065, 0.3215,
0.3167

27.4681, 0.3602,
0.2762

56.0254, 0.3126,
0.3292

22.9547, 0.3779,
0.2634

66.0422, 0.3052,
0.3410

19.3764, 0.3980,
0.2524

77.2999, 0.2991,
0.3519

16.6654, 0.4202,
0.2444

88.8779, 0.2940,
0.3604

■ 14.7442, 0.4437,
0.2405

■ 89.4184, 0.2889,
0.3498

■ 13.5215, 0.4675,
0.2417

■ 89.9888, 0.2839,
0.3394

■ 12.8265, 0.4905,
0.2477

■ 90.5895, 0.2791,
0.3292

■ 12.8140, 0.4910,
0.2479

■ 90.6105, 0.2789,
0.3289

Harmonies

Analogous

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



39.5384, 0.3046, 0.2889



39.5384, 0.3322, 0.3034



39.5384, 0.3552, 0.3242

Triad

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



39.5384, 0.3322, 0.3034



39.5384, 0.3447, 0.3768



39.5384, 0.2619, 0.3073

Complementary

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



39.5384, 0.3322, 0.3034



50.3751, 0.2969, 0.3561

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.



39.5384, 0.2717, 0.3318



39.5384, 0.3322, 0.3034



39.5384, 0.3190, 0.3736

Square

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



39.5384, 0.3322, 0.3034



39.5384, 0.3624, 0.3664



39.5384, 0.2923, 0.3567



39.5384, 0.2650, 0.2902

Rectangle

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



39.5384, 0.3322, 0.3034



39.5384, 0.3643, 0.3395



39.5384, 0.2923, 0.3567



39.5384, 0.2638, 0.3149

Sweetspot

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



39.5402, 0.3322, 0.3034



90.1537, 0.3180, 0.3214



37.8148, 0.2966, 0.2776



19.0773, 0.3186, 0.3206



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.



39.5402, 0.3322, 0.3034



65.2039, 0.3378, 0.2972



38.8155, 0.3508, 0.3283



10.7264, 0.3211, 0.3172



8.4452, 0.4882, 0.2463



0.4145, 0.4441, 0.2220

Inverse Universe

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



39.5402, 0.3322, 0.3034



65.2039, 0.3378, 0.2972



51.2037, 0.2838, 0.3298



10.7264, 0.3211, 0.3172



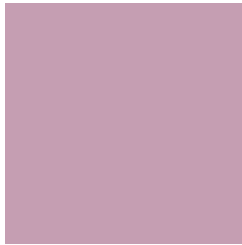
8.4452, 0.4882, 0.2463



0.4145, 0.4441, 0.2220

Previews

White Background



This preview shows how the Yxy color 39.5384, 0.3322, 0.3034 looks on a white background.

Color Contrast Check

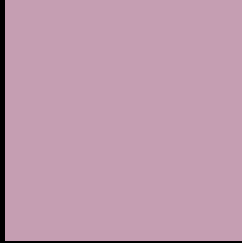
Large Text (above 18pt) WCAG AA × Fail

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 39.5384, 0.3322, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

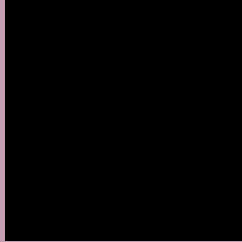
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5384, 0.3322, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 39.5384, 0.3322, 0.3034.



This preview shows how white text looks on a background with the Yxy color 39.5384, 0.3322, 0.3034.

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

39.5384, 0.3322, 0.3034

Protanopia

39.7908, 0.2995, 0.3071

Deuteranopia

39.6703, 0.3182, 0.3117



Tritanopia

39.4723, 0.3377, 0.3135

Trichromacy



Original Color

39.5384, 0.3322, 0.3034

Protanomaly

39.5120, 0.3111, 0.3049

Deuteranomaly

39.5798, 0.3231, 0.3093

Tritanomaly

39.5880, 0.3349, 0.3097

Monochromacy



Original Color

39.5384, 0.3322, 0.3034

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.5172, 0.3196, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5384, 0.3322, 0.3034 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(197, 158, 178)` looks like.

```
.text, #text, p{  
    color:rgb(197, 158, 178)  
}
```

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(197, 158, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 158, 178) }
```

Border

The CSS property to change the border of an element to Yxy 39.5384, 0.3322, 0.3034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

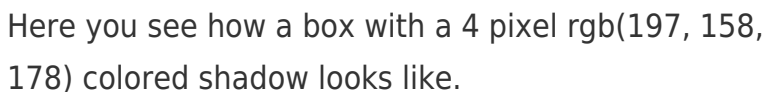
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 158, 178) }
```

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

```
.border{ border-color:rgb(197, 158, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 158, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 158, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 158, 178);  
box-shadow:4px 4px 4px 4px rgb(197, 158,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5384, 0.3322, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 158, 178) }
```

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

```
.background{ background-color: rgb(197,  
158, 178) }
```

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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