

Converting Colors

$Y_{xy}(38.7818, 0.3344, 0.3034)$

Have a look what the booklet for
Yxy(38.7818, 0.3344, 0.3034)
contains.

Yxy(38.7818, 0.3344, 0.3034)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.7818, 0.3344, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	C59CB0
RGB	197, 156, 176
RGB Percent	77%, 61%, 69%
CMY	0.2276, 0.3882, 0.3099
CMYK	0.00, 0.21, 0.11, 0.23
HSL	331°, 26%, 69%
HSV	331°, 21%, 77%
XYZ	42.7443, 38.7818, 46.2979
YIQ	170.5390, 18.0160, 14.9120

Conversions

Conversions Part 2

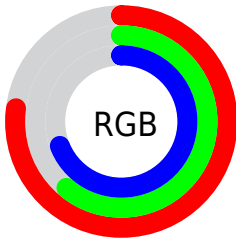
Format	Color
R_{YB}	197, 156, 176
Decimal	12950704
CIE _{Lab}	68.59, 18.45, -4.54
CIE _{LCh}	69, 19.001, 346.164
Yxy	38.7818, 0.3344, 0.3034
Android (android.graphics.Color)	4291140784 (0xFFC59CB0)
YUV	170.5390, 2.6923, 23.2063
Hunter-Lab	62.2750, 13.5375, -0.4861

Details

The Yxy color **38.7818, 0.3344, 0.3034** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1652, 0.2954, 0.3561**, and the grayscale version is **40.4608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4856, 0.3300, 0.3080**, and **17.3980, 0.3405, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **32.3145, 0.3482, 0.2904**, and if you desaturate by 10%, it is **46.3543, 0.3229, 0.3161**.

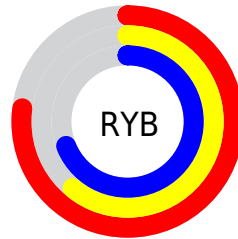
Distribution



Red (77%)

Green (61%)

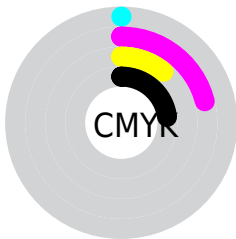
Blue (69%)



Red (77%)

Yellow (61%)

Blue (69%)

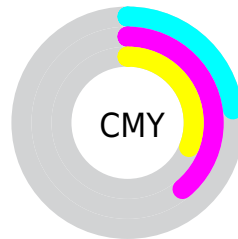


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (23%)



Cyan (23%)


Magenta (39%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7818, 0.3344, 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 38.7818, 0.3344, 0.3034 by changing the saturation by 10% instead.


 38.7818, 0.3344,
0.3034


 38.7818, 0.3344,
0.3034

340.9619, 0.3233,
0.3164

 26.5900, 0.3372,
0.3001


 73.3049, 0.3303,
0.3081

 17.2656, 0.3409,
0.2959


 96.4049, 0.3288,
0.3099

 10.4240, 0.3459,
0.2902


123.9099, 0.3275,
0.3114

 5.6810, 0.3530,
0.2821

156.2042, 0.3265,
0.3127

 2.6521, 0.3639,
0.2698

193.6721, 0.3255,
0.3138

 0.9529, 0.3830,
0.2490

236.6981, 0.3247,

 0.0000, 0.6712,

0.3148


0.0000


285.6666, 0.3240,
0.3156


 0.0000, 0.0000,
0.0000


 38.7818, 0.3344,
0.3034


 38.7818, 0.3344,
0.3034


 32.3145, 0.3482,
0.2904


 46.3543, 0.3229,
0.3161

 26.8949, 0.3645,
0.2775


 55.0755, 0.3134,
0.3281

 22.4683, 0.3835,
0.2655

 64.9929, 0.3055,
0.3393

 18.9728, 0.4052,
0.2554

 76.1498, 0.2990,
0.3497

 16.3395, 0.4291,
0.2482

 88.5874, 0.2937,
0.3593

■ 14.4897, 0.4543,
0.2454

■ 89.4753, 0.2884,
0.3487

■ 13.3303, 0.4797,
0.2478

■ 90.0807, 0.2831,
0.3377

■ 12.7118, 0.5022,
0.2540

■ 90.6069, 0.2789,
0.3289

Harmonies

Analogous

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



38.7818, 0.3057, 0.2880



38.7818, 0.3344, 0.3034



38.7818, 0.3579, 0.3252

Triad

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



38.7818, 0.3344, 0.3034



38.7818, 0.3447, 0.3790



38.7818, 0.2598, 0.3052

Complementary

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



38.7818, 0.3344, 0.3034



50.1652, 0.2954, 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.



38.7818, 0.2692, 0.3304



38.7818, 0.3344, 0.3034



38.7818, 0.3177, 0.3749

Square

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



38.7818, 0.3344, 0.3034



38.7818, 0.3637, 0.3687



38.7818, 0.2901, 0.3567



38.7818, 0.2637, 0.2880

Rectangle

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



38.7818, 0.3344, 0.3034



38.7818, 0.3668, 0.3411



38.7818, 0.2901, 0.3567



38.7818, 0.2615, 0.3130

Sweetspot

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



38.7835, 0.3344, 0.3034



90.1289, 0.3182, 0.3218



37.1008, 0.2963, 0.2749



19.0714, 0.3189, 0.3210



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.



38.7835, 0.3344, 0.3034



63.9222, 0.3404, 0.2975



38.0505, 0.3539, 0.3291



10.7217, 0.3215, 0.3178



8.3803, 0.4992, 0.2524



0.4114, 0.4523, 0.2266

Inverse Universe

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



38.7835, 0.3344, 0.3034



63.9222, 0.3404, 0.2975



51.0206, 0.2820, 0.3289



10.7217, 0.3215, 0.3178



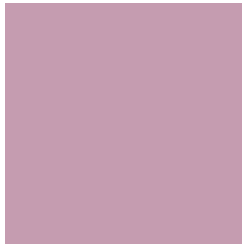
8.3803, 0.4992, 0.2524



0.4114, 0.4523, 0.2266

Previews

White Background



This preview shows how the Yxy color 38.7818, 0.3344, 0.3034 looks on a white background.

Color Contrast Check

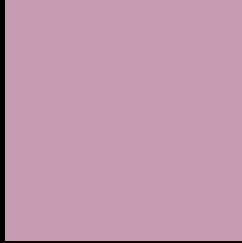
Large Text (above 18pt) WCAG AA × Fail

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 38.7818, 0.3344, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

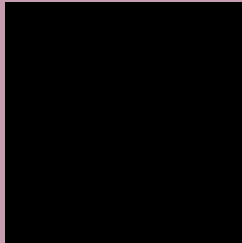
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7818, 0.3344, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 38.7818, 0.3344, 0.3034.



This preview shows how white text looks on a background with the Yxy color 38.7818, 0.3344, 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

38.7818, 0.3344, 0.3034

Protanopia

38.7568, 0.2993, 0.3068

Deuteranopia

38.9928, 0.3182, 0.3128



Tritanopia

38.7143, 0.3400, 0.3135

Trichromacy



Original Color

38.7818, 0.3344, 0.3034

Protanomaly

38.4831, 0.3111, 0.3047

Deuteranomaly

38.6759, 0.3242, 0.3091

Tritanomaly

38.8283, 0.3371, 0.3097

Monochromacy



Original Color

38.7818, 0.3344, 0.3034

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.9929, 0.3197, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7818, 0.3344, 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, 156, 176)` looks like.

```
.text, #text, p{  
    color:rgb(197, 156, 176)  
}
```

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, 156, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 156, 176) }
```

Border

The CSS property to change the border of an element to Yxy 38.7818, 0.3344, 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, 156, 176) }
```

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

```
.border{ border-color:rgb(197, 156, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 156, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 156, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 156, 176);  
box-shadow:4px 4px 4px 4px rgb(197, 156,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7818, 0.3344, 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, 156, 176) }
```

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

```
.background{ background-color: rgb(197,  
156, 176) }
```

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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