

Converting Colors

$Yxy(38.7634, 0.3311, 0.2987)$

Have a look what the booklet for
Yxy(38.7634, 0.3311, 0.2987)
contains.

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Color

Yxy(38.9019, 0.3316, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	C59CB3
RGB	197, 156, 179
RGB Percent	77%, 61%, 70%
CMY	0.2273, 0.3883, 0.2980
CMYK	0.00, 0.21, 0.09, 0.23
HSL	326°, 26%, 69%
HSV	326°, 21%, 77%
XYZ	43.0570, 38.9019, 47.8873
YIQ	170.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

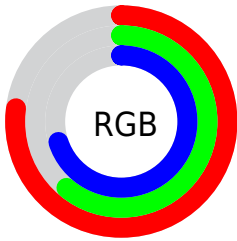
Format	Color
R_{YB}	197, 156, 179
Decimal	12950707
CIE _{Lab}	68.68, 19.01, -6.10
CIE _{LCh}	69, 19.959, 342.218
Yxy	38.9019, 0.3316, 0.2996
Android (android.graphics.Color)	4291140787 (0xFFC59CB3)
YUV	170.8810, 4.0027, 22.9064
Hunter-Lab	62.3714, 14.0744, -1.8615

Details

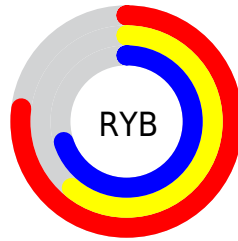
The Yxy color **38.9019, 0.3316, 0.2996** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.0707, 0.2974, 0.3604**, and the grayscale version is **40.6369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6575, 0.3278, 0.3050**, and **17.2466, 0.3380, 0.2908** is the 20% darker color. If you saturate the color by 10%, you get **32.4798, 0.3434, 0.2848**, and if you desaturate by 10%, it is **46.4220, 0.3217, 0.3141**.

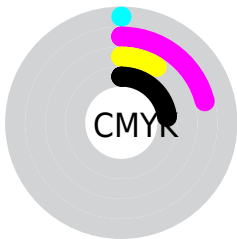
Distribution



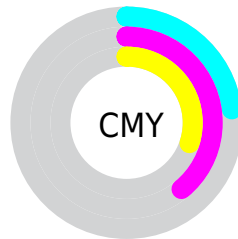
- Red (77%)
- Green (61%)
- Blue (70%)



- Red (77%)
- Yellow (61%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (23%)





- Cyan (23%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9019, 0.3316, 0.2996 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 38.9019, 0.3316, 0.2996 by changing the saturation by 10% instead.


 38.9019, 0.3316,
0.2996


 38.9019, 0.3316,
0.2996


341.4732, 0.3220,
0.3144

 26.6834, 0.3340,
0.2959

 73.4884, 0.3281,
0.3050

 17.3356, 0.3372,
0.2911


 96.6253, 0.3268,
0.3070

 10.4741, 0.3414,
0.2846


124.1704, 0.3257,
0.3087

 5.7144, 0.3474,
0.2756

156.5081, 0.3247,
0.3102

 2.6722, 0.3565,
0.2619

194.0228, 0.3239,
0.3115

 0.9631, 0.3720,
0.2390

237.0990, 0.3232,


 0.0000, 0.5490,


0.3126


0.0000


286.1210, 0.3226,
0.3135

 0.0000, 0.0000,
0.0000


 38.9019, 0.3316,
0.2996


 38.9019, 0.3316,
0.2996


 32.4798, 0.3434,
0.2848


 46.4220, 0.3217,
0.3141


 27.0984, 0.3573,
0.2701

 55.0835, 0.3133,
0.3279


 22.7033, 0.3733,
0.2564


 64.9336, 0.3064,
0.3408


 19.2326, 0.3913,
0.2446

 76.0155, 0.3007,
0.3529

 16.6177, 0.4110,
0.2359


 88.3702, 0.2960,
0.3640


 14.7803, 0.4317,
0.2315


 89.1607, 0.2913,
0.3548

 13.6271, 0.4525,
0.2323

 89.6618, 0.2868,
0.3453

 13.0105, 0.4711,
0.2369

 90.1876, 0.2823,
0.3360

 90.6145, 0.2789,
0.3289

Harmonies

Analogous

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



38.9019, 0.3015, 0.2846



38.9019, 0.3316, 0.2996



38.9019, 0.3575, 0.3217

Triad

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



38.9019, 0.3316, 0.2996



38.9019, 0.3495, 0.3808



38.9019, 0.2578, 0.3070

Complementary

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



38.9019, 0.3316, 0.2996



50.0707, 0.2974, 0.3604

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.



38.9019, 0.2694, 0.3342



38.9019, 0.3316, 0.2996



38.9019, 0.3218, 0.3788

Square

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



38.9019, 0.3316, 0.2996



38.9019, 0.3679, 0.3683



38.9019, 0.2925, 0.3613



38.9019, 0.2600, 0.2877

Rectangle

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



38.9019, 0.3316, 0.2996



38.9019, 0.3682, 0.3383



38.9019, 0.2925, 0.3613



38.9019, 0.2602, 0.3155

Sweetspot

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



38.9036, 0.3316, 0.2996



90.1983, 0.3175, 0.3207



36.7800, 0.2938, 0.2744



19.0878, 0.3181, 0.3198



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.



38.9036, 0.3316, 0.2996



64.1763, 0.3367, 0.2929



38.1427, 0.3513, 0.3255



10.7349, 0.3204, 0.3161



8.5716, 0.4686, 0.2355



0.4203, 0.4297, 0.2141

Inverse Universe

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



38.9036, 0.3316, 0.2996



64.1763, 0.3367, 0.2929



50.9222, 0.2838, 0.3325



10.7349, 0.3204, 0.3161



8.5716, 0.4686, 0.2355



0.4203, 0.4297, 0.2141

Previews

White Background



This preview shows how the Yxy color 38.9019, 0.3316, 0.2996 looks on a white background.

Color Contrast Check

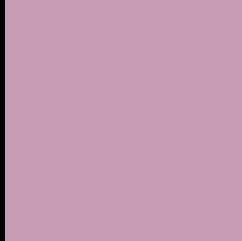
Large Text (above 18pt) WCAG AA × Fail

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 38.9019, 0.3316, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

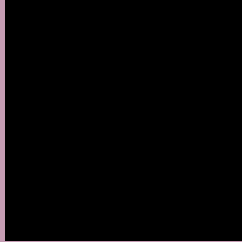
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9019, 0.3316, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 38.9019, 0.3316, 0.2996.



This preview shows how white text looks on a background with the Yxy color 38.9019, 0.3316, 0.2996.

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

38.9019, 0.3316, 0.2996

Protanopia

39.2896, 0.2961, 0.3029

Deuteranopia

39.1120, 0.3155, 0.3089



Tritanopia

39.0918, 0.3388, 0.3135

Trichromacy



Original Color

38.9019, 0.3316, 0.2996

Protanomaly

38.9604, 0.3084, 0.3021

Deuteranomaly

38.7951, 0.3214, 0.3052

Tritanomaly

38.8668, 0.3361, 0.3084

Monochromacy



Original Color

38.9019, 0.3316, 0.2996

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.0317, 0.3188, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9019, 0.3316, 0.2996 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 156, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 156, 179) }
```

Border

The CSS property to change the border of an element to Yxy 38.9019, 0.3316, 0.2996 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, 179) }
```

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

```
.border{ border-color:rgb(197, 156, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(197, 156,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9019, 0.3316, 0.2996 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, 179) }
```

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

```
.background{ background-color: rgb(197,  
156, 179) }
```

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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