

Converting Colors

$Yxy(38.9067, 0.3247, 0.3026)$

Have a look what the booklet for
Yxy(38.9067, 0.3247, 0.3026)
contains.

Yxy(38.9981, 0.3244, 0.3029)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.9981, 0.3244, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	BE9FB3
RGB	190, 159, 179
RGB Percent	75%, 62%, 70%
CMY	0.2550, 0.3764, 0.2980
CMYK	0.00, 0.16, 0.06, 0.26
HSL	321°, 19%, 68%
HSV	321°, 16%, 74%
XYZ	41.7662, 38.9981, 47.9848
YIQ	170.5490, 12.0560, 12.7920

Conversions

Conversions Part 2

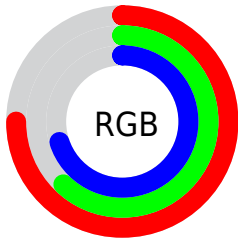
Format	Color
R_{YB}	190, 159, 179
Decimal	12492723
CIE _{Lab}	68.75, 14.83, -6.08
CIE _{LCh}	69, 16.026, 337.711
Yxy	38.9981, 0.3244, 0.3029
Android (android.graphics.Color)	4290682803 (0xFFBE9FB3)
YUV	170.5490, 4.1663, 17.0585
Hunter-Lab	62.4485, 10.0979, -1.8439

Details

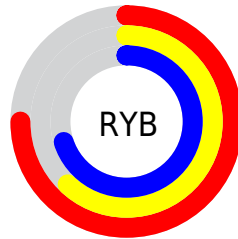
The Yxy color **38.9981, 0.3244, 0.3029** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0877, 0.3026, 0.3566**, and the grayscale version is **40.4612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6841, 0.3217, 0.3077**, and **17.2560, 0.3279, 0.2950** is the 20% darker color. If you saturate the color by 10%, you get **32.6945, 0.3333, 0.2861**, and if you desaturate by 10%, it is **46.3225, 0.3168, 0.3192**.

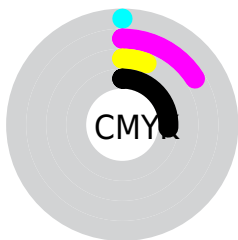
Distribution



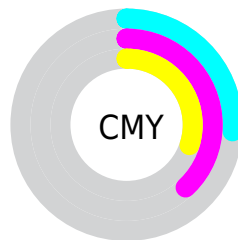
- Red (75%)
- Green (62%)
- Blue (70%)



- Red (75%)
- Yellow (62%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (26%)





- Cyan (26%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9981, 0.3244, 0.3029 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 38.9981, 0.3244, 0.3029 by changing the saturation by 10% instead.


 38.9981, 0.3244,
0.3029


 38.9981, 0.3244,
0.3029


341.8824, 0.3185,
0.3161

 26.7582, 0.3259,
0.2996


 73.6354, 0.3223,
0.3077

 17.3917, 0.3278,
0.2953


 96.8017, 0.3214,
0.3095

 10.5142, 0.3304,
0.2895


124.3789, 0.3208,
0.3110

 5.7412, 0.3340,
0.2814

156.7513, 0.3202,
0.3123

 2.6884, 0.3395,
0.2691

194.3036, 0.3197,
0.3135

 0.9713, 0.3487,
0.2483

237.4199, 0.3192,


 0.0000, 0.4566,


0.3144

0.0000


286.4847, 0.3189,
0.3153


 0.0000, 0.0000,
0.0000


 38.9981, 0.3244,
0.3029

 38.9981, 0.3244,
0.3029


 32.6945, 0.3333,
0.2861


 46.3225, 0.3168,
0.3192


 27.3607, 0.3437,
0.2693


 54.7056, 0.3105,
0.3346


 22.9490, 0.3555,
0.2532

 64.1894, 0.3052,
0.3491

 19.4055, 0.3689,
0.2386

 74.8124, 0.3007,
0.3625

 16.6708, 0.3834,
0.2266

 86.6111, 0.2971,
0.3749

■ 14.6781, 0.3988,
0.2184

■ 87.5957, 0.2935,
0.3682

■ 13.3493, 0.4145,
0.2148

■ 87.9575, 0.2899,
0.3606

■ 12.5837, 0.4299,
0.2162

■ 88.3338, 0.2864,
0.3531

■ 12.3680, 0.4356,
0.2173

■ 88.7247, 0.2830,
0.3456

Harmonies

Analogous

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



38.9981, 0.3003, 0.2918



38.9981, 0.3244, 0.3029



38.9981, 0.3460, 0.3204

Triad

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



38.9981, 0.3244, 0.3029



38.9981, 0.3452, 0.3697



38.9981, 0.2690, 0.3147

Complementary

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



38.9981, 0.3244, 0.3029



47.0877, 0.3026, 0.3566

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.



38.9981, 0.2801, 0.3368



38.9981, 0.3244, 0.3029



38.9981, 0.3238, 0.3696

Square

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



38.9981, 0.3244, 0.3029



38.9981, 0.3581, 0.3586



38.9981, 0.3000, 0.3574



38.9981, 0.2691, 0.2977

Rectangle

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



38.9981, 0.3244, 0.3029



38.9981, 0.3556, 0.3338



38.9981, 0.3000, 0.3574



38.9981, 0.2715, 0.3217

Sweetspot

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



38.9998, 0.3244, 0.3029



85.7141, 0.3160, 0.3211



37.0464, 0.2961, 0.2869



18.5972, 0.3165, 0.3200



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.



38.9998, 0.3244, 0.3029



65.8761, 0.3278, 0.2962



38.4122, 0.3388, 0.3229



9.6374, 0.3190, 0.3143



8.2421, 0.4337, 0.2163



0.3348, 0.4002, 0.1978

Inverse Universe

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



38.9998, 0.3244, 0.3029



65.8761, 0.3278, 0.2962



47.7035, 0.2916, 0.3352



9.6374, 0.3190, 0.3143



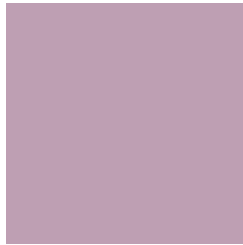
8.2421, 0.4337, 0.2163



0.3348, 0.4002, 0.1978

Previews

White Background



This preview shows how the Yxy color 38.9981, 0.3244, 0.3029 looks on a white background.

Color Contrast Check

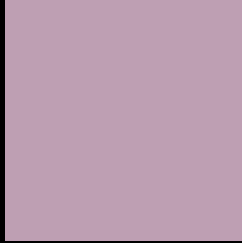
Large Text (above 18pt) WCAG AA × Fail

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 38.9981, 0.3244, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

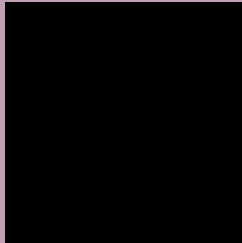
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9981, 0.3244, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 38.9981, 0.3244, 0.3029.



This preview shows how white text looks on a background with the Yxy color 38.9981, 0.3244, 0.3029.

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

38.9981, 0.3244, 0.3029

Protanopia

39.2051, 0.2977, 0.3056

Deuteranopia

38.9924, 0.3146, 0.3088



Tritanopia

38.9776, 0.3289, 0.3119

Trichromacy



Original Color

38.9981, 0.3244, 0.3029

Protanomaly

39.0423, 0.3074, 0.3046

Deuteranomaly

39.1223, 0.3184, 0.3077

Tritanomaly

39.0556, 0.3270, 0.3093

Monochromacy



Original Color

38.9981, 0.3244, 0.3029

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.1584, 0.3168, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9981, 0.3244, 0.3029 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(190, 159, 179)` looks like.

```
.text, #text, p{  
    color:rgb(190, 159, 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(190, 159, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 159, 179) }
```

Border

The CSS property to change the border of an element to Yxy 38.9981, 0.3244, 0.3029 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(190, 159, 179) }
```

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

```
.border{ border-color:rgb(190, 159, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 159, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 159, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 159, 179);  
box-shadow:4px 4px 4px 4px rgb(190, 159,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9981, 0.3244, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 159, 179) }
```

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

```
.background{ background-color: rgb(190,  
159, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor