

Converting Colors

$Y_{xy}(38.9578, 0.3254, 0.3042)$

Have a look what the booklet for
Yxy(38.9578, 0.3254, 0.3042)
contains.

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Color

Yxy(38.9578, 0.3254, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	BE9FB2
RGB	190, 159, 178
RGB Percent	75%, 62%, 70%
CMY	0.2548, 0.3765, 0.3020
CMYK	0.00, 0.16, 0.06, 0.25
HSL	323°, 19%, 68%
HSV	323°, 16%, 75%
XYZ	41.6728, 38.9578, 47.4358
YIQ	170.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

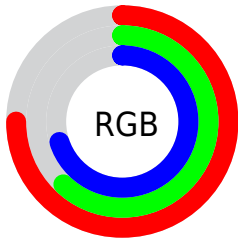
Format	Color
RYB	190, 159, 178
Decimal	12492722
CIELab	68.72, 14.67, -5.55
CIELCh	69, 15.684, 339.292
Yxy	38.9578, 0.3254, 0.3042
Android (android.graphics.Color)	4290682802 (0xFFBE9FB2)
YUV	170.4350, 3.7295, 17.1585
Hunter-Lab	62.4162, 9.9490, -1.3686

Details

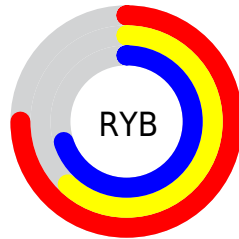
The Yxy color **38.9578, 0.3254, 0.3042** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1503, 0.3018, 0.3552**, and the grayscale version is **40.4049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6265, 0.3224, 0.3087**, and **17.2303, 0.3292, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **32.6306, 0.3351, 0.2883**, and if you desaturate by 10%, it is **46.3090, 0.3172, 0.3196**.

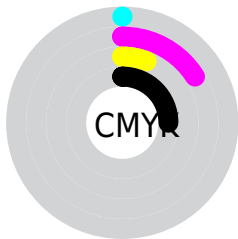
Distribution



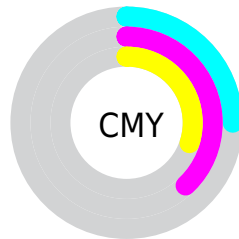
- Red (75%)
- Green (62%)
- Blue (70%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (25%)




- Cyan (25%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9578, 0.3254, 0.3042 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 38.9578, 0.3254, 0.3042 by changing the saturation by 10% instead.

 38.9578, 0.3254,
0.3042


 38.9578, 0.3254,
0.3042

341.7110, 0.3190,
0.3167

 26.7269, 0.3270,
0.3010


 73.5738, 0.3231,
0.3088

 17.3682, 0.3291,
0.2969


 96.7278, 0.3222,
0.3105

 10.4974, 0.3320,
0.2914

124.2915, 0.3214,
0.3119

 5.7300, 0.3360,
0.2836

156.6495, 0.3208,
0.3132

 2.6816, 0.3421,
0.2718

194.1860, 0.3203,
0.3142

 0.9678, 0.3524,
0.2518

237.2855, 0.3198,


 0.0000, 0.4891,

0.3152

0.0000


286.3324, 0.3194,
0.3160

 0.0000, 0.0000,
0.0000

 38.9578, 0.3254,
0.3042


 38.9578, 0.3254,
0.3042

 32.6306, 0.3351,
0.2883


 46.3090, 0.3172,
0.3196


 27.2763, 0.3465,
0.2723

 54.7222, 0.3103,
0.3343

 22.8470, 0.3596,
0.2569

 64.2396, 0.3046,
0.3480

 19.2889, 0.3743,
0.2430

 74.8996, 0.2998,
0.3606

 16.5423, 0.3906,
0.2317

 86.7388, 0.2959,
0.3723

■ 14.5402, 0.4079,
0.2241

■ 87.7563, 0.2920,
0.3649

■ 13.2046, 0.4256,
0.2212

■ 88.1608, 0.2881,
0.3566

■ 12.4341, 0.4430,
0.2235

■ 88.5829, 0.2843,
0.3484

■ 12.2185, 0.4494,
0.2249

■ 89.0227, 0.2805,
0.3403

Harmonies

Analogous

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



38.9578, 0.3018, 0.2929



38.9578, 0.3254, 0.3042



38.9578, 0.3462, 0.3216

Triad

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



38.9578, 0.3254, 0.3042



38.9578, 0.3436, 0.3692



38.9578, 0.2696, 0.3140

Complementary

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



38.9578, 0.3254, 0.3042



47.1503, 0.3018, 0.3552

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.



38.9578, 0.2800, 0.3354



38.9578, 0.3254, 0.3042



38.9578, 0.3224, 0.3684

Square

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



38.9578, 0.3254, 0.3042



38.9578, 0.3568, 0.3588



38.9578, 0.2991, 0.3559



38.9578, 0.2703, 0.2977

Rectangle

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



38.9578, 0.3254, 0.3042



38.9578, 0.3553, 0.3347



38.9578, 0.2991, 0.3559



38.9578, 0.2719, 0.3208

Sweetspot

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



38.9595, 0.3254, 0.3042



85.6885, 0.3163, 0.3215



37.1597, 0.2970, 0.2869



18.5908, 0.3168, 0.3204



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.



38.9595, 0.3254, 0.3042



65.7814, 0.3291, 0.2979



38.3763, 0.3398, 0.3243



9.6318, 0.3195, 0.3150



8.1379, 0.4473, 0.2238



0.3312, 0.4094, 0.2029

Inverse Universe

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



38.9595, 0.3254, 0.3042



65.7814, 0.3291, 0.2979



47.7712, 0.2909, 0.3338



9.6318, 0.3195, 0.3150



8.1379, 0.4473, 0.2238



0.3312, 0.4094, 0.2029

Previews

White Background



This preview shows how the Yxy color 38.9578, 0.3254, 0.3042 looks on a white background.

Color Contrast Check

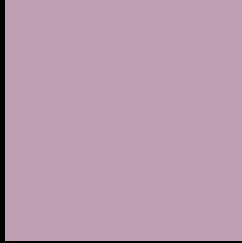
Large Text (above 18pt) WCAG AA × Fail

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 38.9578, 0.3254, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

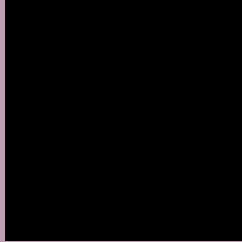
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9578, 0.3254, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 38.9578, 0.3254, 0.3042.



This preview shows how white text looks on a background with the Yxy color 38.9578, 0.3254, 0.3042.

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

38.9578, 0.3254, 0.3042

Protanopia

39.1633, 0.2985, 0.3069

Deuteranopia

39.0720, 0.3164, 0.3102



Tritanopia

38.9390, 0.3298, 0.3132

Trichromacy



Original Color

38.9578, 0.3254, 0.3042

Protanomaly

39.0011, 0.3083, 0.3060

Deuteranomaly

39.2053, 0.3202, 0.3091

Tritanomaly

39.0164, 0.3280, 0.3106

Monochromacy



Original Color

38.9578, 0.3254, 0.3042

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6367, 0.3169, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9578, 0.3254, 0.3042 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(190, 159, 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(190, 159, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 159, 178) }
```

Border

The CSS property to change the border of an element to Yxy 38.9578, 0.3254, 0.3042 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, 178) }
```

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

```
.border{ border-color:rgb(190, 159, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 159, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 159, 178);  
box-shadow:4px 4px 4px 4px rgb(190, 159,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9578, 0.3254, 0.3042 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, 178) }
```

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

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