

Converting Colors

Yxy(34.9166, 0.3237, 0.3056)

Have a look what the booklet for
Yxy(34.9166, 0.3237, 0.3056)
contains.

Yxy(34.9048, 0.3238, 0.3056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.9048, 0.3238, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	B398A9
RGB	179, 152, 169
RGB Percent	70%, 60%, 66%
CMY	0.2980, 0.4039, 0.3372
CMYK	0.00, 0.15, 0.06, 0.30
HSL	322°, 15%, 65%
HSV	322°, 15%, 70%
XYZ	36.9836, 34.9048, 42.3289
YIQ	162.0110, 10.6350, 11.0110

Conversions

Conversions Part 2

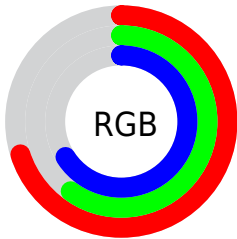
Format	Color
RYB	179, 152, 169
Decimal	11770025
CIELab	65.67, 12.98, -5.15
CIELCh	66, 13.967, 338.366
Yxy	34.9048, 0.3238, 0.3056
Android (android.graphics.Color)	4289960105 (0xFFB398A9)
YUV	162.0110, 3.4456, 14.8994
Hunter-Lab	59.0803, 8.3484, -1.1230

Details

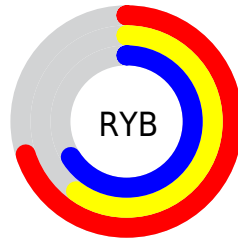
The Yxy color **34.9048, 0.3238, 0.3056** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5309, 0.3031, 0.3536**, and the grayscale version is **36.1182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1866, 0.3219, 0.3099**, and **15.0273, 0.3270, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **29.2846, 0.3329, 0.2893**, and if you desaturate by 10%, it is **41.4177, 0.3161, 0.3213**.

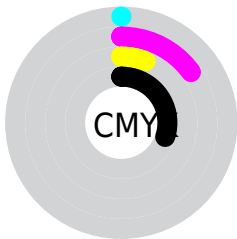
Distribution



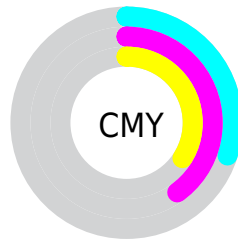
- Red (70%)
- Green (60%)
- Blue (66%)



- Red (70%)
- Yellow (60%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (30%)




- Cyan (30%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9048, 0.3238, 0.3056 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 34.9048, 0.3238, 0.3056 by changing the saturation by 10% instead.


 34.9048, 0.3238,
0.3056


 34.9048, 0.3238,
0.3056


324.1479, 0.3181,
0.3177

 23.5896, 0.3253,
0.3025


 67.3383, 0.3217,
0.3101

 15.0294, 0.3272,
0.2984


 89.2253, 0.3209,
0.3117

 8.8400, 0.3299,
0.2928


115.4050, 0.3203,
0.3131

 4.6370, 0.3337,
0.2847

146.2618, 0.3197,
0.3143

 2.0359, 0.3397,
0.2721

182.1801, 0.3192,
0.3153

 0.6282, 0.3536,
0.2425

223.5443, 0.3188,

 0.0000, 0.0000,

0.3162

0.0000

270.7388, 0.3184,
0.3170

■ 34.9048, 0.3238,
0.3056

■ 34.9048, 0.3238,
0.3056

■ 29.2846, 0.3329,
0.2893

■ 41.4177, 0.3161,
0.3213

■ 24.5132, 0.3434,
0.2730

■ 48.8557, 0.3097,
0.3362

■ 20.5497, 0.3556,
0.2571

■ 57.2550, 0.3043,
0.3501

■ 17.3482, 0.3694,
0.2426

■ 66.6486, 0.2998,
0.3630

■ 14.8581, 0.3845,
0.2306

■ 77.0680, 0.2961,
0.3749

■ 13.0223, 0.4006,
0.2221

■ 85.6987, 0.2929,
0.3812

■ 11.7754, 0.4172,
0.2181

■ 86.0335, 0.2894,
0.3735

■ 11.0367, 0.4336,
0.2191

■ 86.3822, 0.2860,
0.3657

■ 10.7717, 0.4417,
0.2207

■ 86.7448, 0.2826,
0.3581

Harmonies

Analogous

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



34.9048, 0.3020, 0.2954



34.9048, 0.3238, 0.3056



34.9048, 0.3431, 0.3216

Triad

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



34.9048, 0.3238, 0.3056



34.9048, 0.3418, 0.3659



34.9048, 0.2730, 0.3158

Complementary

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



34.9048, 0.3238, 0.3056



41.5309, 0.3031, 0.3536

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.



34.9048, 0.2829, 0.3356



34.9048, 0.3238, 0.3056



34.9048, 0.3224, 0.3655

Square

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



34.9048, 0.3238, 0.3056



34.9048, 0.3536, 0.3562



34.9048, 0.3008, 0.3543



34.9048, 0.2732, 0.3005

Rectangle

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



34.9048, 0.3238, 0.3056



34.9048, 0.3517, 0.3338



34.9048, 0.3008, 0.3543



34.9048, 0.2752, 0.3221

Sweetspot

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



34.9063, 0.3238, 0.3056



74.1735, 0.3161, 0.3213



33.3824, 0.2980, 0.2905



16.2420, 0.3166, 0.3203



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.9063, 0.3238, 0.3056



59.1009, 0.3265, 0.3004



34.4281, 0.3368, 0.3240



8.5923, 0.3192, 0.3148



7.6231, 0.4399, 0.2197



0.2507, 0.3988, 0.1971

Inverse Universe

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



34.9063, 0.3238, 0.3056



59.1009, 0.3265, 0.3004



42.0336, 0.2929, 0.3341



8.5923, 0.3192, 0.3148



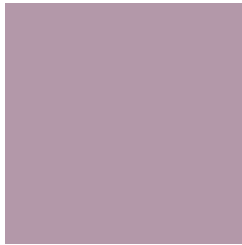
7.6231, 0.4399, 0.2197



0.2507, 0.3988, 0.1971

Previews

White Background



This preview shows how the Yxy color 34.9048, 0.3238, 0.3056 looks on a white background.

Color Contrast Check

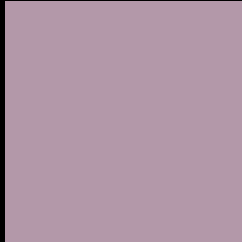
Large Text (above 18pt) WCAG AA × Fail

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 34.9048, 0.3238, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

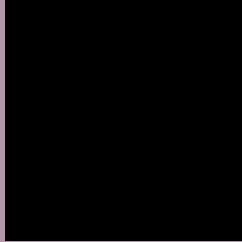
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9048, 0.3238, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 34.9048, 0.3238, 0.3056.



This preview shows how white text looks on a background with the Yxy color 34.9048, 0.3238, 0.3056.

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

34.9048, 0.3238, 0.3056

Protanopia

35.1843, 0.3005, 0.3088

Deuteranopia

34.9278, 0.3165, 0.3107



Tritanopia

34.9641, 0.3265, 0.3124

Trichromacy



Original Color

34.9048, 0.3238, 0.3056

Protanomaly

34.8625, 0.3080, 0.3063

Deuteranomaly

34.9370, 0.3196, 0.3094

Tritanomaly

35.0006, 0.3255, 0.3110

Monochromacy



Original Color

34.9048, 0.3238, 0.3056

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.4952, 0.3161, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9048, 0.3238, 0.3056 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(179, 152, 169)` looks like.

```
.text, #text, p{  
    color:rgb(179, 152, 169)  
}
```

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(179, 152, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 152, 169) }
```

Border

The CSS property to change the border of an element to Yxy 34.9048, 0.3238, 0.3056 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(179, 152, 169) }
```

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

```
.border{ border-color:rgb(179, 152, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 152, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 152, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 152, 169);  
box-shadow:4px 4px 4px 4px rgb(179, 152,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9048, 0.3238, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 152, 169) }
```

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

```
.background{ background-color: rgb(179,  
152, 169) }
```

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