

Converting Colors

Yxy(39.5638, 0.3046, 0.3143)

Have a look what the booklet for
Yxy(39.5638, 0.3046, 0.3143)
contains.

Yxy(39.6546, 0.3052, 0.3152)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6546, 0.3052, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	A9A8B2
RGB	169, 168, 178
RGB Percent	66%, 66%, 70%
CMY	0.3374, 0.3411, 0.3019
CMYK	0.05, 0.06, 0.00, 0.30
HSL	246°, 6%, 68%
HSV	246°, 6%, 70%
XYZ	38.3965, 39.6546, 47.7566
YIQ	169.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

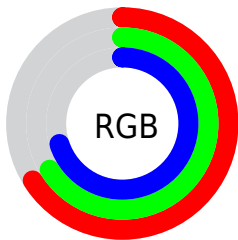
Format	Color
RYB	169, 168, 178
Decimal	11118770
CIELab	69.22, 2.28, -5.02
CIElCh	69, 5.514, 294.416
Yxy	39.6546, 0.3052, 0.3152
Android (android.graphics.Color)	4289308850 (0xFFA9A8B2)
YUV	169.4390, 4.2206, -0.3850
Hunter-Lab	62.9719, -1.3621, -0.8840

Details

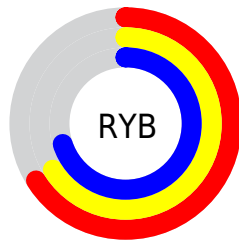
The Yxy color $39.6546, 0.3052, 0.3152$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.0278, 0.3200, 0.3425$, and the grayscale version is $39.8837, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.5632, 0.3063, 0.3173$, and $17.7534, 0.3035, 0.3117$ is the 20% darker color. If you saturate the color by 10%, you get $31.8546, 0.2903, 0.2882$, and if you desaturate by 10%, it is $48.5770, 0.3182, 0.3391$.

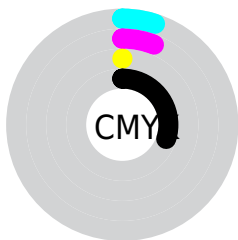
Distribution



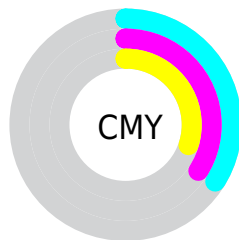
- Red (66%)
- Green (66%)
- Blue (70%)



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



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6546, 0.3052, 0.3152 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 39.6546, 0.3052, 0.3152 by changing the saturation by 10% instead.

■ 39.6546, 0.3052,
0.3152

■ 39.6546, 0.3052,
0.3152

344.6656, 0.3091,
0.3223

■ 27.2693, 0.3042,
0.3134

■ 74.6373, 0.3066,
0.3178

■ 17.7756, 0.3029,
0.3110

■ 98.0035, 0.3072,
0.3188

■ 10.7890, 0.3011,
0.3078

125.7988, 0.3076,
0.3196

■ 5.9251, 0.2985,
0.3033

158.4076, 0.3080,
0.3203

■ 2.7996, 0.2944,
0.2962

196.2142, 0.3083,
0.3209

■ 1.0280, 0.2871,
0.2839

239.6032, 0.3086,

■ 0.0000, 0.0000,

0.3214

0.0000

288.9589, 0.3089,
0.3218

■ 39.6546, 0.3052,
0.3152

■ 39.6546, 0.3052,
0.3152

■ 31.8546, 0.2903,
0.2882

■ 48.5770, 0.3182,
0.3391

■ 25.1277, 0.2735,
0.2582

■ 58.6586, 0.3294,
0.3600

■ 19.4284, 0.2551,
0.2256

■ 69.9405, 0.3390,
0.3781

■ 14.7061, 0.2353,
0.1915

■ 82.4607, 0.3472,
0.3939

■ 10.9055, 0.2152,
0.1575

■ 94.9601, 0.3547,
0.4057

■ 7.9664, 0.1959,
0.1257

■ 95.9949, 0.3585,
0.4047

■ 5.8208, 0.1788,
0.0985

■ 4.3908, 0.1653,
0.0782

■ 3.5794, 0.1561,
0.0657

Harmonies

Analogous

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



39.6546, 0.2993, 0.3163



39.6546, 0.3052, 0.3152



39.6546, 0.3132, 0.3177

Triad

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



39.6546, 0.3052, 0.3152



39.6546, 0.3287, 0.3370



39.6546, 0.3043, 0.3350

Complementary

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



39.6546, 0.3052, 0.3152



44.0278, 0.3200, 0.3425

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.



39.6546, 0.3121, 0.3407



39.6546, 0.3052, 0.3152



39.6546, 0.3263, 0.3418

Square

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



39.6546, 0.3052, 0.3152



39.6546, 0.3268, 0.3302



39.6546, 0.3202, 0.3432



39.6546, 0.2988, 0.3276

Rectangle

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



39.6546, 0.3052, 0.3152



39.6546, 0.3186, 0.3211



39.6546, 0.3202, 0.3432



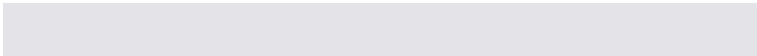
39.6546, 0.3067, 0.3371

Sweetspot

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



39.6563, 0.3052, 0.3152



77.4611, 0.3101, 0.3241



43.0567, 0.3042, 0.3278



17.1993, 0.3102, 0.3244



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.



39.6563, 0.3052, 0.3152



69.6486, 0.3031, 0.3113



40.2058, 0.3096, 0.3154



8.6063, 0.3026, 0.3105



2.3984, 0.1538, 0.0621



0.0881, 0.1687, 0.0703

Inverse Universe

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



40.6531, 0.3142, 0.3168



71.9179, 0.3146, 0.3135



43.4650, 0.3157, 0.3427



8.9014, 0.3147, 0.3128



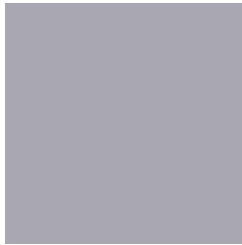
8.6180, 0.3461, 0.1681



0.2752, 0.3383, 0.1637

Previews

White Background



This preview shows how the Yxy color 39.6546, 0.3052, 0.3152 looks on a white background.

Color Contrast Check

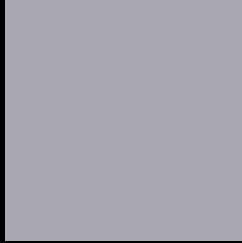
Large Text (above 18pt) WCAG AA × Fail

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 39.6546, 0.3052, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

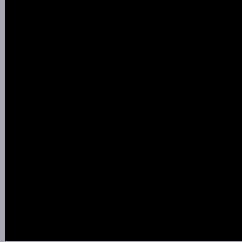
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

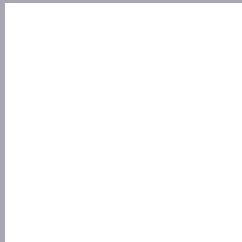
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6546, 0.3052, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 39.6546, 0.3052, 0.3152.

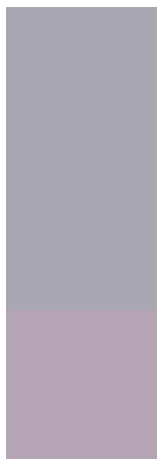


This preview shows how white text looks on a background with the Yxy color 39.6546, 0.3052, 0.3152.

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

39.6546, 0.3052, 0.3152

Protanopia

39.6546, 0.3052, 0.3152

Deuteranopia

39.6293, 0.3155, 0.3090



Tritanopia

39.7765, 0.3028, 0.3112

Trichromacy



Original Color

39.6546, 0.3052, 0.3152

Protanomaly

39.6546, 0.3052, 0.3152

Deuteranomaly

39.5121, 0.3118, 0.3101

Tritanomaly

39.7356, 0.3036, 0.3125

Monochromacy



Original Color

39.6546, 0.3052, 0.3152

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.7895, 0.3102, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6546, 0.3052, 0.3152 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(169, 168, 178)` looks like.

```
.text, #text, p{  
    color:rgb(169, 168, 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(169, 168, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 168, 178) }
```

Border

The CSS property to change the border of an element to Yxy 39.6546, 0.3052, 0.3152 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(169, 168, 178) }
```

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

```
.border{ border-color:rgb(169, 168, 178) }
```

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

Here you see how a box with a 4 pixel rgb(169, 168, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 168, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 168, 178);  
box-shadow:4px 4px 4px 4px rgb(169, 168,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6546, 0.3052, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 168, 178) }
```

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

```
.background{ background-color: rgb(169,  
168, 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](#).

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