

Converting Colors

Yxy(39.4417, 0.3156, 0.3064)

Have a look what the booklet for
Yxy(39.4417, 0.3156, 0.3064)
contains.

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Color

Yxy(39.4348, 0.3156, 0.3064)

Conversions

Conversions Part 1	
Format	Color
Hex	B6A3B4
RGB	182, 163, 180
RGB Percent	71%, 64%, 71%
CMY	0.2864, 0.3607, 0.2941
CMYK	0.00, 0.10, 0.01, 0.29
HSL	306°, 11%, 68%
HSV	306°, 10%, 71%
XYZ	40.6189, 39.4348, 48.6500
YIQ	170.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

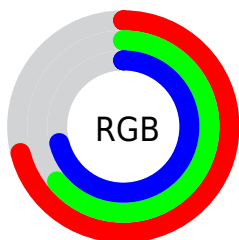
Format	Color
RYB	182, 163, 180
Decimal	11969460
CIELab	69.07, 9.96, -6.23
CIELCh	69, 11.748, 327.946
Yxy	39.4348, 0.3156, 0.3064
Android (android.graphics.Color)	4290159540 (0xFFB6A3B4)
YUV	170.6190, 4.6248, 9.9811
Hunter-Lab	62.7971, 5.5636, -1.9750

Details

The Yxy color $39.4348, 0.3156, 0.3064$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $43.9425, 0.3099, 0.3527$, and the grayscale version is $40.4965, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.3761, 0.3150, 0.3104$, and $17.5683, 0.3167, 0.2997$ is the 20% darker color. If you saturate the color by 10%, you get $33.3561, 0.3187, 0.2840$, and if you desaturate by 10%, it is $46.4477, 0.3128, 0.3281$.

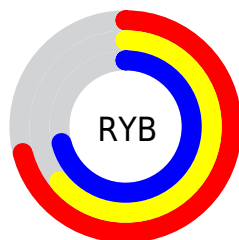
Distribution



Red (71%)

Green (64%)

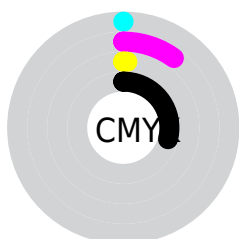
Blue (71%)



Red (71%)

Yellow (64%)

Blue (71%)

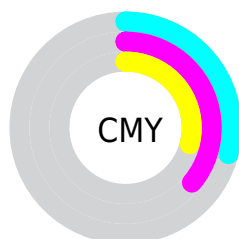


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4348, 0.3156, 0.3064 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 39.4348, 0.3156, 0.3064 by changing the saturation by 10% instead.


 39.4348, 0.3156,
0.3064


 39.4348, 0.3156,
0.3064

 343.7355, 0.3142,
0.3178

 27.0981, 0.3159,
0.3035


 74.3021, 0.3151,
0.3106

 17.6469, 0.3163,
0.2998


 97.6015, 0.3149,
0.3121

 10.6968, 0.3169,
0.2947


 125.3239, 0.3148,
0.3135

 5.8634, 0.3176,
0.2876

 157.8538, 0.3146,
0.3146

 2.7622, 0.3186,
0.2768

 195.5755, 0.3145,
0.3156

 1.0089, 0.3200,
0.2584

 238.8734, 0.3144,


 0.0000, 0.3092,


0.3164


0.0000

288.1320, 0.3143,
0.3172


 0.0000, 0.0000,
0.0000


 39.4348, 0.3156,
0.3064


 39.4348, 0.3156,
0.3064


 33.3561, 0.3187,
0.2840

 46.4477, 0.3128,
0.3281

 28.1668, 0.3222,
0.2616

 54.4268, 0.3104,
0.3488


 23.8264, 0.3259,
0.2399


 63.4088, 0.3083,
0.3683

 20.2892, 0.3298,
0.2198

 73.4273, 0.3064,
0.3863


 17.5048, 0.3339,
0.2021


 84.5138, 0.3048,
0.4029


 15.4178, 0.3379,
0.1879

 85.2338, 0.3038,
0.4016

 13.9644, 0.3418,
0.1777

 85.3173, 0.3028,
0.3994

 13.0699, 0.3455,
0.1718

 85.4019, 0.3018,
0.3972

 12.5896, 0.3487,
0.1695

 85.4875, 0.3008,
0.3950

Harmonies

Analogous

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



39.4348, 0.2984, 0.3002



39.4348, 0.3156, 0.3064



39.4348, 0.3324, 0.3182

Triad

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



39.4348, 0.3156, 0.3064



39.4348, 0.3404, 0.3570



39.4348, 0.2824, 0.3238

Complementary

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



39.4348, 0.3156, 0.3064



43.9425, 0.3099, 0.3527

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.



39.4348, 0.2931, 0.3400



39.4348, 0.3156, 0.3064



39.4348, 0.3265, 0.3595

Square

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



39.4348, 0.3156, 0.3064



39.4348, 0.3470, 0.3470



39.4348, 0.3091, 0.3532



39.4348, 0.2796, 0.3097

Rectangle

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



39.4348, 0.3156, 0.3064



39.4348, 0.3410, 0.3278



39.4348, 0.3091, 0.3532



39.4348, 0.2851, 0.3292

Sweetspot

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



39.4365, 0.3156, 0.3064



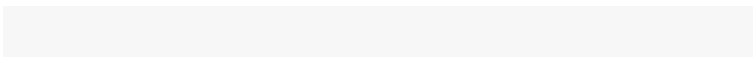
80.7240, 0.3135, 0.3225



37.5671, 0.2984, 0.3026



17.5970, 0.3137, 0.3207



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.4365, 0.3156, 0.3064



69.4328, 0.3161, 0.3024



39.0661, 0.3239, 0.3188



9.1463, 0.3153, 0.3088



8.9011, 0.3484, 0.1693



0.3184, 0.3404, 0.1649

Inverse Universe

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



39.4365, 0.3156, 0.3064



69.4328, 0.3161, 0.3024



44.2976, 0.3027, 0.3394



9.1463, 0.3153, 0.3088



8.9011, 0.3484, 0.1693



0.3184, 0.3404, 0.1649

Previews

White Background



This preview shows how the Yxy color 39.4348, 0.3156, 0.3064 looks on a white background.

Color Contrast Check

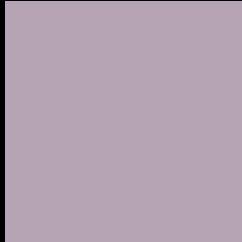
Large Text (above 18pt) WCAG AA × Fail

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 39.4348, 0.3156, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

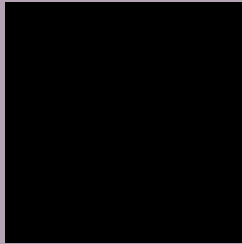
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4348, 0.3156, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 39.4348, 0.3156, 0.3064.



This preview shows how white text looks on a background with the Yxy color 39.4348, 0.3156, 0.3064.

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

39.4348, 0.3156, 0.3064

Protanopia

39.7490, 0.3003, 0.3084

Deuteranopia

39.5495, 0.3137, 0.3076



Tritanopia

39.5093, 0.3181, 0.3129

Trichromacy



Original Color
39.4348, 0.3156, 0.3064

Protanomaly
39.5341, 0.3056, 0.3073

Deuteranomaly
39.6700, 0.3146, 0.3077

Tritanomaly
39.5490, 0.3173, 0.3116

Monochromacy



Original Color
39.4348, 0.3156, 0.3064

Achromatopsia
40.7240, 0.3127, 0.3290

Achromatomaly
40.1752, 0.3140, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4348, 0.3156, 0.3064 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(182, 163, 180) looks like.

```
.text, #text, p{  
    color:rgb(182, 163, 180)  
}
```

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(182, 163, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 163, 180) }
```

Border

The CSS property to change the border of an element to Yxy 39.4348, 0.3156, 0.3064 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(182, 163, 180) }
```

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

```
.border{ border-color:rgb(182, 163, 180) }
```

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

Here you see how a box with a 4 pixel rgb(182, 163, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 163, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 163, 180);  
box-shadow:4px 4px 4px 4px rgb(182, 163,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4348, 0.3156, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 163, 180) }
```

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

```
.background{ background-color: rgb(182,  
163, 180) }
```

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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