

Converting Colors

Yxy(38.9634, 0.3185, 0.3138)

Have a look what the booklet for
Yxy(38.9634, 0.3185, 0.3138)
contains.

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Color

Yxy(38.9537, 0.3191, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	B4A3AE
RGB	180, 163, 174
RGB Percent	71%, 64%, 68%
CMY	0.2940, 0.3608, 0.3178
CMYK	0.00, 0.09, 0.03, 0.29
HSL	321°, 10%, 67%
HSV	321°, 9%, 71%
XYZ	39.5612, 38.9537, 45.4625
YIQ	169.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

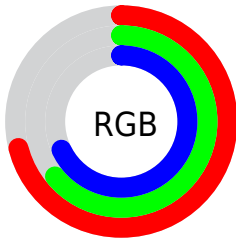
Format	Color
RYB	180, 163, 174
Decimal	11838382
CIELab	68.72, 8.16, -3.42
CIELCh	69, 8.844, 337.259
Yxy	38.9537, 0.3191, 0.3142
Android (android.graphics.Color)	4290028462 (0xFFB4A3AE)
YUV	169.3370, 2.2989, 9.3515
Hunter-Lab	62.4129, 3.9219, 0.5013

Details

The Yxy color **38.9537, 0.3191, 0.3142** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.3054, 0.3068, 0.3443**, and the grayscale version is **39.8391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6328, 0.3183, 0.3175**, and **17.2860, 0.3203, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **32.7673, 0.3271, 0.2979**, and if you desaturate by 10%, it is **46.0654, 0.3124, 0.3298**.

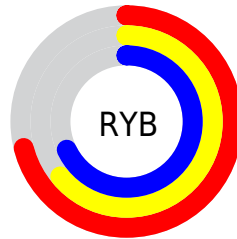
Distribution



Red (71%)

Green (64%)

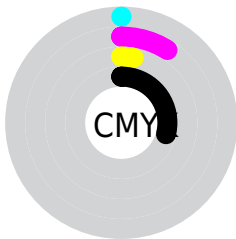
Blue (68%)



Red (71%)

Yellow (64%)

Blue (68%)

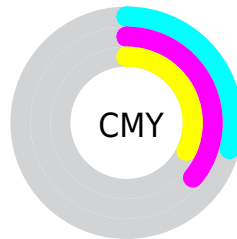


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9537, 0.3191, 0.3142 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 38.9537, 0.3191, 0.3142 by changing the saturation by 10% instead.


 38.9537, 0.3191,
0.3142


 38.9537, 0.3191,
0.3142

341.6936, 0.3159,
0.3217

 26.7237, 0.3199,
0.3123


 73.5676, 0.3179,
0.3170

 17.3658, 0.3210,
0.3098


 96.7203, 0.3175,
0.3180

 10.4957, 0.3225,
0.3064


124.2826, 0.3171,
0.3189

 5.7288, 0.3245,
0.3015

156.6391, 0.3168,
0.3196

 2.6809, 0.3277,
0.2941

194.1740, 0.3165,
0.3203

 0.9675, 0.3333,
0.2810

237.2718, 0.3163,


 0.0000, 0.4318,


0.3208


0.0000


286.3169, 0.3160,
0.3213


 0.0000, 0.0000,
0.0000


 38.9537, 0.3191,
0.3142


 38.9537, 0.3191,
0.3142


 32.7673, 0.3271,
0.2979

 46.0654, 0.3124,
0.3298


 27.4628, 0.3364,
0.2811


 54.1334, 0.3067,
0.3445


 23.0006, 0.3472,
0.2645

 63.1937, 0.3020,
0.3582

 19.3364, 0.3596,
0.2488

 73.2787, 0.2981,
0.3708

 16.4216, 0.3733,
0.2350

 84.4195, 0.2949,
0.3824

■ 14.2023, 0.3882,
0.2241

■ 85.9988, 0.2916,
0.3769

■ 12.6175, 0.4038,
0.2172

■ 86.3291, 0.2882,
0.3695

■ 11.5953, 0.4195,
0.2150

■ 86.6724, 0.2849,
0.3621

■ 10.9967, 0.4350,
0.2173

■ 87.0287, 0.2817,
0.3548

Harmonies

Analogous

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



38.9537, 0.3058, 0.3080



38.9537, 0.3191, 0.3142



38.9537, 0.3309, 0.3242

Triad

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



38.9537, 0.3191, 0.3142



38.9537, 0.3309, 0.3514



38.9537, 0.2883, 0.3216

Complementary

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



38.9537, 0.3191, 0.3142



43.3054, 0.3068, 0.3443

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.



38.9537, 0.2948, 0.3336



38.9537, 0.3191, 0.3142



38.9537, 0.3192, 0.3511

Square

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



38.9537, 0.3191, 0.3142



38.9537, 0.3378, 0.3456



38.9537, 0.3060, 0.3445



38.9537, 0.2882, 0.3120

Rectangle

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



38.9537, 0.3191, 0.3142



38.9537, 0.3362, 0.3318



38.9537, 0.3060, 0.3445



38.9537, 0.2898, 0.3255

Sweetspot

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



38.9554, 0.3191, 0.3142



78.6720, 0.3147, 0.3243



37.9210, 0.3036, 0.3055



16.7781, 0.3152, 0.3231



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.



38.9554, 0.3191, 0.3142



68.5535, 0.3204, 0.3114



38.6374, 0.3267, 0.3256



8.5944, 0.3190, 0.3144



7.6654, 0.4341, 0.2165



0.2518, 0.3952, 0.1950

Inverse Universe

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



38.9554, 0.3191, 0.3142



68.5535, 0.3204, 0.3114



43.6319, 0.3003, 0.3325



8.5944, 0.3190, 0.3144



7.6654, 0.4341, 0.2165



0.2518, 0.3952, 0.1950

Previews

White Background



This preview shows how the Yxy color 38.9537, 0.3191, 0.3142 looks on a white background.

Color Contrast Check

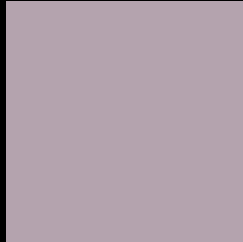
Large Text (above 18pt) WCAG AA × Fail

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 38.9537, 0.3191, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

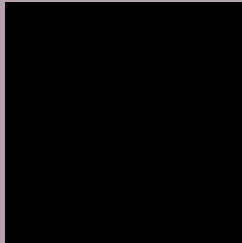
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9537, 0.3191, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 38.9537, 0.3191, 0.3142.



This preview shows how white text looks on a background with the Yxy color 38.9537, 0.3191, 0.3142.

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

38.9537, 0.3191, 0.3142

Protanopia

39.0969, 0.3060, 0.3165

Deuteranopia

39.0741, 0.3200, 0.3142



Tritanopia

39.0323, 0.3173, 0.3115

Trichromacy



Original Color

38.9537, 0.3191, 0.3142

Protanomaly

39.1382, 0.3105, 0.3166

Deuteranomaly

39.0741, 0.3200, 0.3142

Tritanomaly

38.9928, 0.3182, 0.3128

Monochromacy



Original Color

38.9537, 0.3191, 0.3142

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4619, 0.3148, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9537, 0.3191, 0.3142 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(180, 163, 174)` looks like.

```
.text, #text, p{  
    color:rgb(180, 163, 174)  
}
```

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(180, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 174) }
```

Border

The CSS property to change the border of an element to Yxy 38.9537, 0.3191, 0.3142 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(180, 163, 174) }
```

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

```
.border{ border-color:rgb(180, 163, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 163, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 163, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 163, 174);  
box-shadow:4px 4px 4px 4px rgb(180, 163,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9537, 0.3191, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 163, 174) }
```

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

```
.background{ background-color: rgb(180,  
163, 174) }
```

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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