

Converting Colors

$Yxy(39.3503, 0.3124, 0.3234)$

Have a look what the booklet for
Yxy(39.3503, 0.3124, 0.3234)
contains.

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Color

Yxy(39.2356, 0.3130, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	ABA7AB
RGB	171, 167, 171
RGB Percent	67%, 65%, 67%
CMY	0.3294, 0.3451, 0.3295
CMYK	0.00, 0.02, 0.00, 0.33
HSL	300°, 2%, 66%
HSV	300°, 2%, 67%
XYZ	37.9621, 39.2356, 44.0870
YIQ	168.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

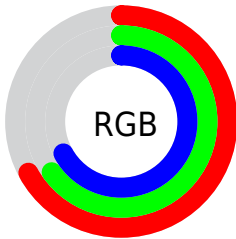
Format	Color
RYB	171, 167, 171
Decimal	11249579
CIELab	68.92, 2.18, -1.54
CIElCh	69, 2.670, 324.669
Yxy	39.2356, 0.3130, 0.3235
Android (android.graphics.Color)	4289439659 (0xFFABA7AB)
YUV	168.6520, 1.1576, 2.0592
Hunter-Lab	62.6383, -1.4367, 2.1165

Details

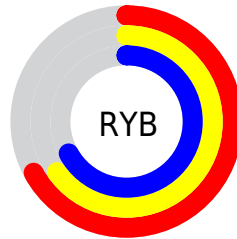
The Yxy color **39.2356, 0.3130, 0.3235** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1342, 0.3124, 0.3346**, and the grayscale version is **39.4894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9023, 0.3129, 0.3247**, and **17.5153, 0.3131, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **33.3757, 0.3143, 0.2995**, and if you desaturate by 10%, it is **45.9274, 0.3118, 0.3466**.

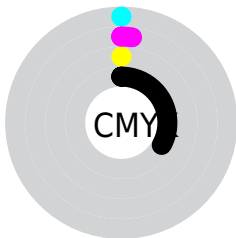
Distribution



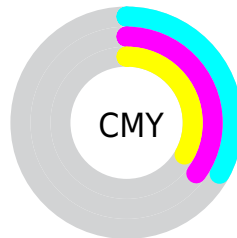
- Red (67%)
- Green (65%)
- Blue (67%)



- Red (67%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)




- Cyan (33%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2356, 0.3130, 0.3235 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 39.2356, 0.3130, 0.3235 by changing the saturation by 10% instead.


 39.2356, 0.3130,
0.3235


 39.2356, 0.3130,
0.3235


342.8911, 0.3129,
0.3263

 26.9431, 0.3130,
0.3228


 73.9981, 0.3130,
0.3245

 17.5305, 0.3131,
0.3218


 97.2368, 0.3129,
0.3249

 10.6134, 0.3131,
0.3205


124.8931, 0.3129,
0.3253

 5.8075, 0.3132,
0.3187

157.3513, 0.3129,
0.3255

 2.7284, 0.3133,
0.3157

194.9958, 0.3129,
0.3258

 0.9916, 0.3135,
0.3106

238.2110, 0.3129,

 0.0000, 0.0000,

0.3260

0.0000

287.3813, 0.3129,
0.3262

■ 39.2356, 0.3130,
0.3235

■ 39.2356, 0.3130,
0.3235

■ 33.3757, 0.3143,
0.2995

■ 45.9274, 0.3118,
0.3466

■ 28.3103, 0.3155,
0.2750

■ 53.4765, 0.3107,
0.3684

■ 24.0067, 0.3168,
0.2509

■ 61.9136, 0.3097,
0.3887

■ 20.4282, 0.3181,
0.2278

■ 71.2662, 0.3087,
0.4074

■ 17.5348, 0.3193,
0.2068

■ 81.5607, 0.3079,
0.4244

■ 15.2826, 0.3203,
0.1888

■ 83.1452, 0.3077,
0.4266

■ 13.6228, 0.3212,
0.1744

■ 83.1498, 0.3077,
0.4265

■ 12.4997, 0.3219,
0.1641

■ 83.1545, 0.3076,
0.4263

■ 11.8467, 0.3224,
0.1579

■ 83.1591, 0.3075,
0.4262

Harmonies

Analogous

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



39.2356, 0.3091, 0.3223



39.2356, 0.3130, 0.3235



39.2356, 0.3168, 0.3262

Triad

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



39.2356, 0.3130, 0.3235



39.2356, 0.3193, 0.3352



39.2356, 0.3059, 0.3283

Complementary

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



39.2356, 0.3130, 0.3235



40.1342, 0.3124, 0.3346

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.



39.2356, 0.3086, 0.3319



39.2356, 0.3130, 0.3235



39.2356, 0.3163, 0.3359

Square

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



39.2356, 0.3130, 0.3235



39.2356, 0.3205, 0.3329



39.2356, 0.3124, 0.3346



39.2356, 0.3050, 0.3250

Rectangle

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



39.2356, 0.3130, 0.3235



39.2356, 0.3188, 0.3285



39.2356, 0.3124, 0.3346



39.2356, 0.3066, 0.3295

Sweetspot

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



39.2373, 0.3130, 0.3235



71.7641, 0.3128, 0.3266



38.7964, 0.3093, 0.3234



16.0179, 0.3128, 0.3267



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



39.2373, 0.3130, 0.3235



69.4693, 0.3131, 0.3218



39.1627, 0.3147, 0.3262



8.9167, 0.3132, 0.3202



8.7091, 0.3227, 0.1551



0.2426, 0.3221, 0.1548

Inverse Universe

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



39.2373, 0.3130, 0.3235



69.4693, 0.3131, 0.3218



40.2077, 0.3108, 0.3318



8.9167, 0.3132, 0.3202



8.7091, 0.3227, 0.1551



0.2426, 0.3221, 0.1548

Previews

White Background



This preview shows how the Yxy color 39.2356, 0.3130, 0.3235 looks on a white background.

Color Contrast Check

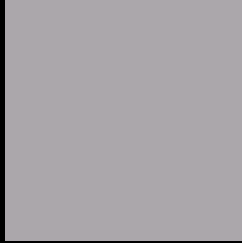
Large Text (above 18pt) WCAG AA × Fail

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 39.2356, 0.3130, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

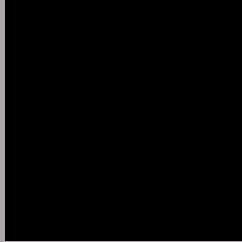
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

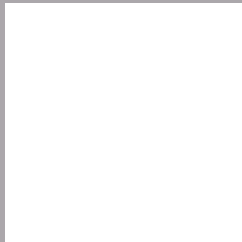
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2356, 0.3130, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 39.2356, 0.3130, 0.3235.



This preview shows how white text looks on a background with the Yxy color 39.2356, 0.3130, 0.3235.

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

39.2356, 0.3130, 0.3235

Protanopia

39.1238, 0.3121, 0.3234

Deuteranopia

39.2402, 0.3237, 0.3170



Tritanopia

39.2978, 0.3072, 0.3112

Trichromacy



Original Color

39.2356, 0.3130, 0.3235

Protanomaly

39.1238, 0.3121, 0.3234

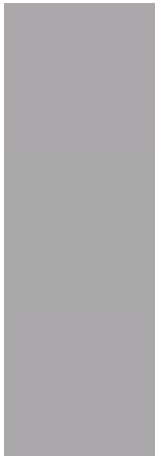
Deuteranomaly

39.1132, 0.3198, 0.3182

Tritanomaly

39.1777, 0.3097, 0.3153

Monochromacy



Original Color

39.2356, 0.3130, 0.3235

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4536, 0.3128, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2356, 0.3130, 0.3235 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(171, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 167, 171)  
}
```

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(171, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 167, 171) }
```

Border

The CSS property to change the border of an element to Yxy 39.2356, 0.3130, 0.3235 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(171, 167, 171) }
```

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

```
.border{ border-color:rgb(171, 167, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 167, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 167,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2356, 0.3130, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 167, 171) }
```

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

```
.background{ background-color: rgb(171,  
167, 171) }
```

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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