

Converting Colors

$Yxy(39.8225, 0.3291, 0.3202)$

Have a look what the booklet for
Yxy(39.8225, 0.3291, 0.3202)
contains.

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Color

Yxy(39.6615, 0.3293, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	BBA3AA
RGB	187, 163, 170
RGB Percent	73%, 64%, 67%
CMY	0.2666, 0.3608, 0.3332
CMYK	0.00, 0.13, 0.09, 0.27
HSL	342°, 15%, 69%
HSV	342°, 13%, 73%
XYZ	40.8525, 39.6615, 43.5445
YIQ	170.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

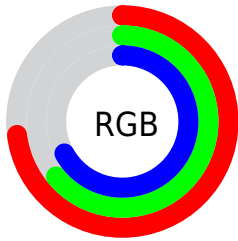
Format	Color
RYB	187, 163, 170
Decimal	12297130
CIELab	69.23, 9.98, -0.41
CIELCh	69, 9.985, 357.663
Yxy	39.6615, 0.3293, 0.3197
Android (android.graphics.Color)	4290487210 (0xFFBBA3AA)
YUV	170.9740, -0.4802, 14.0548
Hunter-Lab	62.9774, 5.5798, 3.0892

Details

The Yxy color **39.6615, 0.3293, 0.3197** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.6317, 0.2985, 0.3385**, and the grayscale version is **40.7115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6337, 0.3261, 0.3218**, and **17.7452, 0.3348, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **33.0301, 0.3456, 0.3120**, and if you desaturate by 10%, it is **47.3290, 0.3160, 0.3270**.

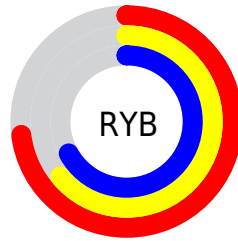
Distribution



Red (73%)

Green (64%)

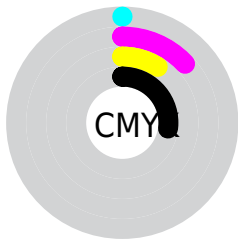
Blue (67%)



Red (73%)

Yellow (64%)

Blue (67%)

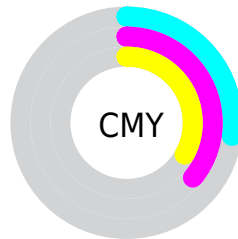


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6615, 0.3293, 0.3197 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 39.6615, 0.3293, 0.3197 by changing the saturation by 10% instead.

 39.6615, 0.3293,
0.3197


 39.6615, 0.3293,
0.3197


344.6948, 0.3208,
0.3245

 27.2747, 0.3315,
0.3185


 74.6478, 0.3262,
0.3215

 17.7797, 0.3344,
0.3169


 98.0161, 0.3250,
0.3221

 10.7919, 0.3383,
0.3147


125.8137, 0.3240,
0.3227

 5.9271, 0.3439,
0.3115

158.4249, 0.3232,
0.3231

 2.8008, 0.3527,
0.3066

196.2343, 0.3225,
0.3235

 1.0286, 0.3685,
0.2979

239.6261, 0.3218,

 0.0000, 1.0000,

0.3239

0.0000

288.9848, 0.3213,
0.3242

0.0000, 0.0000,
0.0000

39.6615, 0.3293,
0.3197

39.6615, 0.3293,
0.3197

33.0301, 0.3456,
0.3120

47.3290, 0.3160,
0.3270

27.3850, 0.3654,
0.3041

56.0689, 0.3052,
0.3338

22.6803, 0.3894,
0.2964

65.9225, 0.2964,
0.3401

18.8644, 0.4178,
0.2895

76.9272, 0.2891,
0.3458

15.8806, 0.4504,
0.2844

88.1541, 0.2831,
0.3494

■ 13.6655, 0.4862,
0.2822

■ 88.9526, 0.2764,
0.3349

■ 12.1467, 0.5229,
0.2839

■ 89.3078, 0.2737,
0.3289

■ 11.2376, 0.5572,
0.2902

■ 10.8410, 0.5791,
0.2964

Harmonies

Analogous

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



39.6615, 0.3151, 0.3097



39.6615, 0.3293, 0.3197



39.6615, 0.3392, 0.3323

Triad

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



39.6615, 0.3293, 0.3197



39.6615, 0.3246, 0.3548



39.6615, 0.2845, 0.3128

Complementary

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



39.6615, 0.3293, 0.3197



46.6317, 0.2985, 0.3385

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.



39.6615, 0.2870, 0.3248



39.6615, 0.3293, 0.3197



39.6615, 0.3099, 0.3495

Square

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



39.6615, 0.3293, 0.3197



39.6615, 0.3363, 0.3527



39.6615, 0.2962, 0.3384



39.6615, 0.2894, 0.3055

Rectangle

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



39.6615, 0.3293, 0.3197



39.6615, 0.3418, 0.3405



39.6615, 0.2962, 0.3384



39.6615, 0.2845, 0.3164

Sweetspot

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



39.6633, 0.3293, 0.3197



82.9716, 0.3175, 0.3261



39.4622, 0.3076, 0.2972



18.0320, 0.3184, 0.3256



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.6633, 0.3293, 0.3197



68.0081, 0.3329, 0.3179



41.1434, 0.3349, 0.3355



9.5811, 0.3244, 0.3223



7.4786, 0.5759, 0.2946



0.3048, 0.5055, 0.2559

Inverse Universe

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



39.6633, 0.3293, 0.3197



68.0081, 0.3329, 0.3179



44.9200, 0.2932, 0.3224



9.5811, 0.3244, 0.3223



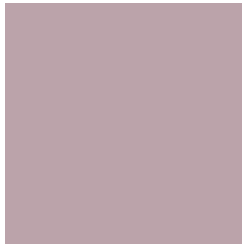
7.4786, 0.5759, 0.2946



0.3048, 0.5055, 0.2559

Previews

White Background



This preview shows how the Yxy color 39.6615, 0.3293, 0.3197 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 39.6615, 0.3293, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

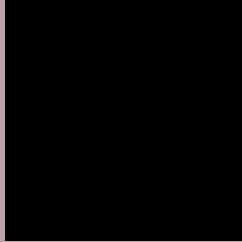
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6615, 0.3293, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 39.6615, 0.3293, 0.3197.



This preview shows how white text looks on a background with the Yxy color 39.6615, 0.3293, 0.3197.

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

39.6615, 0.3293, 0.3197

Protanopia

39.6803, 0.3112, 0.3221

Deuteranopia

39.7675, 0.3273, 0.3210



Tritanopia

39.6272, 0.3258, 0.3119

Trichromacy



Original Color

39.6615, 0.3293, 0.3197

Protanomaly

39.5981, 0.3177, 0.3208

Deuteranomaly

39.8923, 0.3282, 0.3211

Tritanomaly

39.5492, 0.3277, 0.3145

Monochromacy



Original Color

39.6615, 0.3293, 0.3197

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2926, 0.3184, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6615, 0.3293, 0.3197 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(187, 163, 170)` looks like.

```
.text, #text, p{  
    color:rgb(187, 163, 170)  
}
```

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(187, 163, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 163, 170) }
```

Border

The CSS property to change the border of an element to Yxy 39.6615, 0.3293, 0.3197 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(187, 163, 170) }
```

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

```
.border{ border-color:rgb(187, 163, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 163, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 163, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 163, 170);  
box-shadow:4px 4px 4px 4px rgb(187, 163,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6615, 0.3293, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 163, 170) }
```

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

```
.background{ background-color: rgb(187,  
163, 170) }
```

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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