

Converting Colors

Yxy(39.8033, 0.3359, 0.3318)

Have a look what the booklet for
Yxy(39.8033, 0.3359, 0.3318)
contains.

Yxy(39.7243, 0.3365, 0.3318)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.7243, 0.3365, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	BBA4A2
RGB	187, 164, 162
RGB Percent	73%, 64%, 64%
CMY	0.2667, 0.3568, 0.3648
CMYK	0.00, 0.12, 0.13, 0.27
HSL	5°, 16%, 68%
HSV	5°, 13%, 73%
XYZ	40.2870, 39.7243, 39.7123
YIQ	170.6490, 14.3500, 4.2540

Conversions

Conversions Part 2

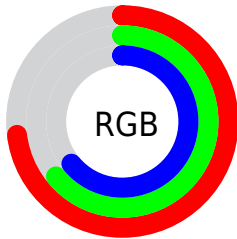
Format	Color
RYB	187, 164, 162
Decimal	12297378
CIELab	69.27, 8.03, 4.13
CIELCh	69, 9.031, 27.187
Yxy	39.7243, 0.3365, 0.3318
Android (android.graphics.Color)	4290487458 (0xFFBBA4A2)
YUV	170.6490, -4.2640, 14.3398
Hunter-Lab	63.0272, 3.7996, 6.7615

Details

The Yxy color $39.7243, 0.3365, 0.3318$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.9444, 0.2925, 0.3262$, and the grayscale version is $40.5556, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.7275, 0.3315, 0.3311$, and $17.7825, 0.3451, 0.3328$ is the 20% darker color. If you saturate the color by 10%, you get $33.3715, 0.3592, 0.3341$, and if you desaturate by 10%, it is $47.0097, 0.3181, 0.3297$.

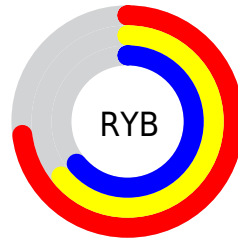
Distribution



Red (73%)

Green (64%)

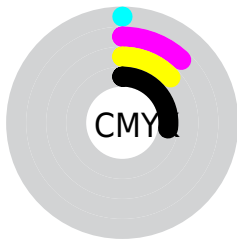
Blue (64%)



Red (73%)

Yellow (64%)

Blue (64%)

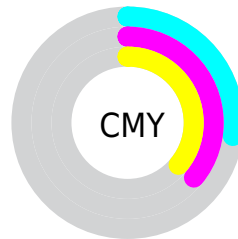


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7243, 0.3365, 0.3318 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 39.7243, 0.3365, 0.3318 by changing the saturation by 10% instead.

 39.7243, 0.3365,
0.3318


 39.7243, 0.3365,
0.3318


344.9602, 0.3242,
0.3305

 27.3237, 0.3397,
0.3321


 74.7435, 0.3319,
0.3313

 17.8164, 0.3439,
0.3325


 98.1309, 0.3303,
0.3312

 10.8183, 0.3496,
0.3330


125.9492, 0.3289,
0.3310

 5.9448, 0.3578,
0.3336

158.5830, 0.3277,
0.3309

 2.8115, 0.3708,
0.3343

196.4166, 0.3266,
0.3308

 1.0341, 0.3950,
0.3357

239.8344, 0.3257,

 0.0000, 1.0000,

0.3306


0.0000

289.2208, 0.3249,
0.3306


 0.0000, 0.0000,
0.0000

 39.7243, 0.3365,
0.3318


 39.7243, 0.3365,
0.3318


 33.3715, 0.3592,
0.3341


 47.0097, 0.3181,
0.3297

 27.9086, 0.3869,
0.3364


 55.2578, 0.3032,
0.3277

 23.2975, 0.4205,
0.3386

 64.5036, 0.2910,
0.3260

 19.4952, 0.4600,
0.3404

 74.7790, 0.2811,
0.3244

 16.4550, 0.5040,
0.3415

 86.0843, 0.2731,
0.3234

■ 14.1254, 0.5493,
0.3414

■ 89.3039, 0.2736,
0.3289

■ 12.4486, 0.5903,
0.3397

■ 11.3575, 0.6206,
0.3365

■ 10.9125, 0.6340,
0.3348

Harmonies

Analogous

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



39.7243, 0.3275, 0.3204



39.7243, 0.3365, 0.3318



39.7243, 0.3389, 0.3427

Triad

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



39.7243, 0.3365, 0.3318



39.7243, 0.3104, 0.3476



39.7243, 0.2915, 0.3078

Complementary

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



39.7243, 0.3365, 0.3318



45.9444, 0.2925, 0.3262

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.



39.7243, 0.2872, 0.3145



39.7243, 0.3365, 0.3318



39.7243, 0.2979, 0.3377

Square

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



39.7243, 0.3365, 0.3318



39.7243, 0.3237, 0.3523



39.7243, 0.2895, 0.3255



39.7243, 0.3015, 0.3067

Rectangle

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



39.7243, 0.3365, 0.3318



39.7243, 0.3365, 0.3483



39.7243, 0.2895, 0.3255



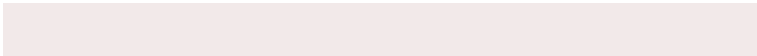
39.7243, 0.2893, 0.3095

Sweetspot

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



39.7261, 0.3365, 0.3318



83.2557, 0.3192, 0.3298



39.9108, 0.3157, 0.2986



18.1054, 0.3205, 0.3300



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.



39.7261, 0.3365, 0.3318



67.7126, 0.3425, 0.3324



44.2811, 0.3343, 0.3478



9.6580, 0.3286, 0.3309



7.5642, 0.6329, 0.3357



0.3393, 0.6079, 0.3555

Inverse Universe

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



45.9444, 0.2925, 0.3262



80.9774, 0.2883, 0.3255



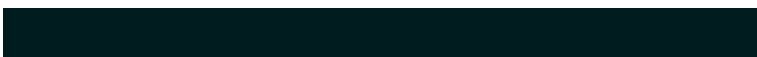
41.0816, 0.2921, 0.3095



10.6728, 0.2985, 0.3271



22.7881, 0.2177, 0.3036



0.9324, 0.2195, 0.3101

Previews

White Background



This preview shows how the Yxy color 39.7243, 0.3365, 0.3318 looks on a white background.

Color Contrast Check

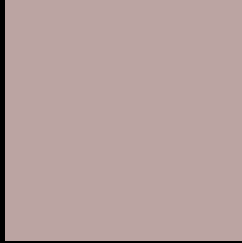
Large Text (above 18pt) WCAG AA × Fail

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 39.7243, 0.3365, 0.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

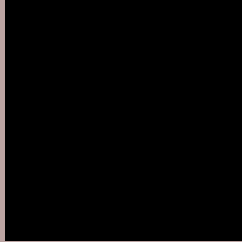
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7243, 0.3365, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 39.7243, 0.3365, 0.3318.



This preview shows how white text looks on a background with the Yxy color 39.7243, 0.3365, 0.3318.

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

39.7243, 0.3365, 0.3318

Protanopia

39.5698, 0.3208, 0.3346

Deuteranopia

39.8509, 0.3374, 0.3317



Tritanopia

39.7546, 0.3268, 0.3120

Trichromacy



Original Color

39.7243, 0.3365, 0.3318

Protanomaly

39.7468, 0.3265, 0.3345

Deuteranomaly

39.8509, 0.3374, 0.3317

Tritanomaly

39.7880, 0.3303, 0.3198

Monochromacy



Original Color

39.7243, 0.3365, 0.3318

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.1795, 0.3210, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7243, 0.3365, 0.3318 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, 164, 162)` looks like.

```
.text, #text, p{  
    color:rgb(187, 164, 162)  
}
```

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, 164, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 164, 162) }
```

Border

The CSS property to change the border of an element to Yxy 39.7243, 0.3365, 0.3318 is called "border". The border property can be set on classes, ids or directly on the HTML element.

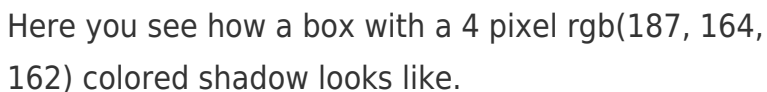
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 164, 162) }
```

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

```
.border{ border-color:rgb(187, 164, 162) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 164, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 164, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 164, 162); box-shadow:4px 4px 4px 4px rgb(187, 164, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7243, 0.3365, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 164, 162) }
```

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

```
.background{ background-color: rgb(187,  
164, 162) }
```

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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