

Converting Colors

$Yxy(38.8124, 0.3330, 0.3291)$

Have a look what the booklet for
Yxy(38.8124, 0.3330, 0.3291)
contains.

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Color

Yxy(39.0291, 0.3328, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	B8A3A3
RGB	184, 163, 163
RGB Percent	72%, 64%, 64%
CMY	0.2786, 0.3607, 0.3608
CMYK	0.00, 0.11, 0.11, 0.28
HSL	0°, 13%, 68%
HSV	0°, 11%, 72%
XYZ	39.4679, 39.0291, 40.0964
YIQ	169.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

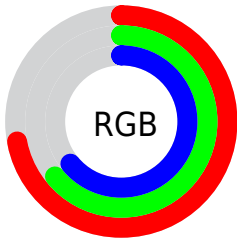
Format	Color
RYB	184, 163, 163
Decimal	12100515
CIELab	68.77, 7.63, 2.80
CIElCh	69, 8.127, 20.188
Yxy	39.0291, 0.3328, 0.3291
Android (android.graphics.Color)	4290290595 (0xFFB8A3A3)
YUV	169.2790, -3.0955, 12.9103
Hunter-Lab	62.4733, 3.4403, 5.6779

Details

The Yxy color $39.0291, 0.3328, 0.3291$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.4976, 0.2955, 0.3289$, and the grayscale version is $39.8312, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.7300, 0.3287, 0.3290$, and $17.3419, 0.3399, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $32.3618, 0.3551, 0.3292$, and if you desaturate by 10%, it is $46.7432, 0.3149, 0.3290$.

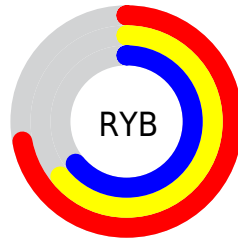
Distribution



Red (72%)

Green (64%)

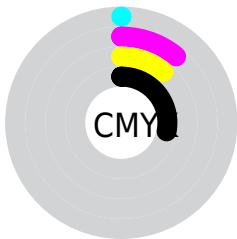
Blue (64%)



Red (72%)

Yellow (64%)

Blue (64%)

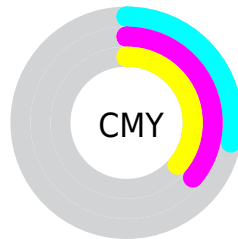


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0291, 0.3328, 0.3291 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 39.0291, 0.3328, 0.3291 by changing the saturation by 10% instead.


 39.0291, 0.3328,
0.3291


 39.0291, 0.3328,
0.3291


342.0142, 0.3224,
0.3291

 26.7824, 0.3355,
0.3291


 73.6828, 0.3289,
0.3291

 17.4098, 0.3391,
0.3290


 96.8585, 0.3275,
0.3291

 10.5271, 0.3439,
0.3289


124.4460, 0.3263,
0.3291

 5.7498, 0.3510,
0.3287

156.8297, 0.3253,
0.3291

 2.6936, 0.3621,
0.3283

194.3940, 0.3244,
0.3291

 0.9739, 0.3829,
0.3275


237.5232, 0.3237,


 0.0000, 1.0000,


0.3291


0.0000

286.6018, 0.3230,
0.3291

 0.0000, 0.0000,
0.0000


 39.0291, 0.3328,
0.3291


 39.0291, 0.3328,
0.3291

 32.3618, 0.3551,
0.3292


 46.7432, 0.3149,
0.3290


 26.6913, 0.3829,
0.3293


 55.5411, 0.3006,
0.3289

 21.9713, 0.4170,
0.3295

 65.4641, 0.2891,
0.3289

 18.1499, 0.4576,
0.3296

 76.5500, 0.2797,
0.3288

 15.1700, 0.5035,
0.3298

 88.8348, 0.2721,
0.3288

■ 12.9683, 0.5510,
0.3299

■ 88.9261, 0.2721,
0.3289

■ 11.4722, 0.5936,
0.3300

■ 10.5957, 0.6241,
0.3300

■ 10.1922, 0.6400,
0.3301

Harmonies

Analogous

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



39.0291, 0.3236, 0.3190



39.0291, 0.3328, 0.3291



39.0291, 0.3365, 0.3393

Triad

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



39.0291, 0.3328, 0.3291



39.0291, 0.3135, 0.3473



39.0291, 0.2921, 0.3108

Complementary

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



39.0291, 0.3328, 0.3291



45.4976, 0.2955, 0.3289

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.



39.0291, 0.2895, 0.3180



39.0291, 0.3328, 0.3291



39.0291, 0.3017, 0.3393

Square

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



39.0291, 0.3328, 0.3291



39.0291, 0.3252, 0.3502



39.0291, 0.2930, 0.3284



39.0291, 0.3001, 0.3086

Rectangle

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



39.0291, 0.3328, 0.3291



39.0291, 0.3353, 0.3450



39.0291, 0.2930, 0.3284



39.0291, 0.2905, 0.3127

Sweetspot

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



39.0308, 0.3328, 0.3291



82.3344, 0.3176, 0.3290



39.8348, 0.3140, 0.3014



17.4974, 0.3189, 0.3290



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.



39.0308, 0.3328, 0.3291



67.1718, 0.3386, 0.3291



42.8999, 0.3311, 0.3431



9.0144, 0.3288, 0.3291



7.0283, 0.6399, 0.3301



0.2485, 0.6394, 0.3305

Inverse Universe

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



45.4976, 0.2955, 0.3289



81.5290, 0.2914, 0.3289



41.3143, 0.2953, 0.3145



10.2082, 0.2985, 0.3289



25.9316, 0.2245, 0.3283



0.9149, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 39.0291, 0.3328, 0.3291 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 39.0291, 0.3328, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

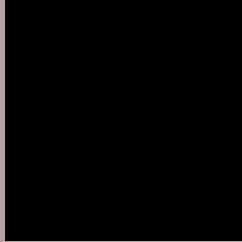
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0291, 0.3328, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 39.0291, 0.3328, 0.3291.



This preview shows how white text looks on a background with the Yxy color 39.0291, 0.3328, 0.3291.

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

39.0291, 0.3328, 0.3291

Protanopia

39.0120, 0.3181, 0.3318

Deuteranopia

38.9241, 0.3349, 0.3277



Tritanopia

38.8600, 0.3240, 0.3117

Trichromacy



Original Color

39.0291, 0.3328, 0.3291

Protanomaly

39.1829, 0.3238, 0.3318

Deuteranomaly

38.7993, 0.3340, 0.3277

Tritanomaly

39.0572, 0.3275, 0.3183

Monochromacy



Original Color

39.0291, 0.3328, 0.3291

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4261, 0.3192, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0291, 0.3328, 0.3291 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(184, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(184, 163, 163)  
}
```

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(184, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 163, 163) }
```

Border

The CSS property to change the border of an element to Yxy 39.0291, 0.3328, 0.3291 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(184, 163, 163) }
```

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

```
.border{ border-color:rgb(184, 163, 163) }
```

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

Here you see how a box with a 4 pixel rgb(184, 163, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(184, 163,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0291, 0.3328, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 163, 163) }
```

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

```
.background{ background-color: rgb(184,  
163, 163) }
```

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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