

Converting Colors

$Yxy(39.1513, 0.3366, 0.3306)$

Have a look what the booklet for
Yxy(39.1513, 0.3366, 0.3306)
contains.

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Color

Yxy(39.2421, 0.3357, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	BAA3A2
RGB	186, 163, 162
RGB Percent	73%, 64%, 64%
CMY	0.2705, 0.3608, 0.3647
CMYK	0.00, 0.12, 0.13, 0.27
HSL	2°, 15%, 68%
HSV	2°, 13%, 73%
XYZ	39.8716, 39.2421, 39.6578
YIQ	169.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

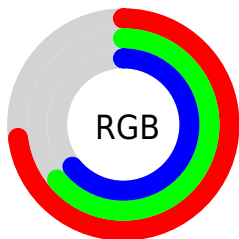
Format	Color
RYB	186, 163, 162
Decimal	12231586
CIELab	68.93, 8.23, 3.59
CIElCh	69, 8.982, 23.590
Yxy	39.2421, 0.3357, 0.3304
Android (android.graphics.Color)	4290421666 (0xFFBAA3A2)
YUV	169.7630, -3.8272, 14.2398
Hunter-Lab	62.6435, 3.9862, 6.3157

Details

The Yxy color **39.2421, 0.3357, 0.3304** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.9357, 0.2933, 0.3276**, and the grayscale version is **40.0902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0298, 0.3309, 0.3301**, and **17.4812, 0.3440, 0.3310** is the 20% darker color. If you saturate the color by 10%, you get **32.7381, 0.3585, 0.3316**, and if you desaturate by 10%, it is **46.7404, 0.3173, 0.3293**.

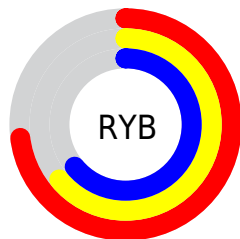
Distribution



Red (73%)

Green (64%)

Blue (64%)



Red (73%)

Yellow (64%)

Blue (64%)

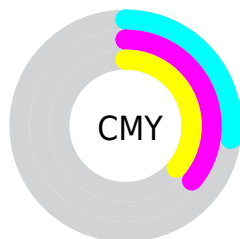


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2421, 0.3357, 0.3304 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 39.2421, 0.3357, 0.3304 by changing the saturation by 10% instead.


 39.2421, 0.3357,
0.3304


 39.2421, 0.3357,
0.3304


342.9187, 0.3238,
0.3298

 26.9481, 0.3388,
0.3305


 74.0080, 0.3313,
0.3302

 17.5343, 0.3429,
0.3307


 97.2487, 0.3297,
0.3301

 10.6161, 0.3484,
0.3308


124.9072, 0.3283,
0.3300

 5.8093, 0.3565,
0.3310

157.3677, 0.3271,
0.3300

 2.7295, 0.3692,
0.3311

195.0147, 0.3261,
0.3299

 0.9922, 0.3931,
0.3314

238.2326, 0.3253,

 0.0000, 1.0000,

0.3299

0.0000

287.4058, 0.3245,
0.3298

0.0000, 0.0000,
0.0000

39.2421, 0.3357,
0.3304

39.2421, 0.3357,
0.3304

32.7381, 0.3585,
0.3316

46.7404, 0.3173,
0.3293

27.1816, 0.3866,
0.3328

55.2668, 0.3026,
0.3283

22.5302, 0.4208,
0.3340

64.8600, 0.2906,
0.3274

18.7359, 0.4612,
0.3350

75.5548, 0.2808,
0.3266

15.7463, 0.5064,
0.3355

87.3841, 0.2728,
0.3259

■ 13.5034, 0.5528,
0.3355

■ 89.1811, 0.2731,
0.3289

■ 11.9413, 0.5943,
0.3346

■ 10.9829, 0.6240,
0.3329

■ 10.6080, 0.6371,
0.3323

Harmonies

Analogous

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



39.2421, 0.3261, 0.3192



39.2421, 0.3357, 0.3304



39.2421, 0.3390, 0.3415

Triad

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



39.2421, 0.3357, 0.3304



39.2421, 0.3120, 0.3485



39.2421, 0.2907, 0.3084

Complementary

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



39.2421, 0.3357, 0.3304



45.9357, 0.2933, 0.3276

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.



39.2421, 0.2871, 0.3157



39.2421, 0.3357, 0.3304



39.2421, 0.2993, 0.3391

Square

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



39.2421, 0.3357, 0.3304



39.2421, 0.3251, 0.3524



39.2421, 0.2902, 0.3269



39.2421, 0.3001, 0.3066

Rectangle

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



39.2421, 0.3357, 0.3304



39.2421, 0.3372, 0.3475



39.2421, 0.2902, 0.3269



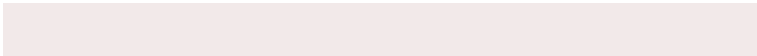
39.2421, 0.2888, 0.3102

Sweetspot

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



39.2438, 0.3357, 0.3304



83.0350, 0.3193, 0.3294



39.7959, 0.3149, 0.2987



18.0483, 0.3206, 0.3295



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.



39.2438, 0.3357, 0.3304



68.2002, 0.3406, 0.3307



43.6366, 0.3336, 0.3461



9.0701, 0.3287, 0.3300



7.1627, 0.6364, 0.3329



0.2727, 0.6221, 0.3443

Inverse Universe

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



45.9357, 0.2933, 0.3276



82.2967, 0.2899, 0.3273



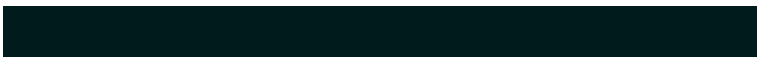
41.1959, 0.2929, 0.3113



10.1453, 0.2985, 0.3280



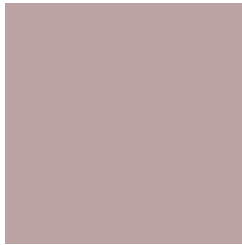
23.9183, 0.2212, 0.3162



0.8629, 0.2221, 0.3197

Previews

White Background



This preview shows how the Yxy color 39.2421, 0.3357, 0.3304 looks on a white background.

Color Contrast Check

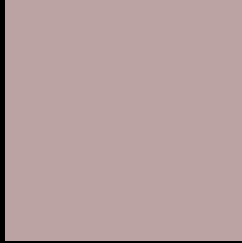
Large Text (above 18pt) WCAG AA × Fail

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 39.2421, 0.3357, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

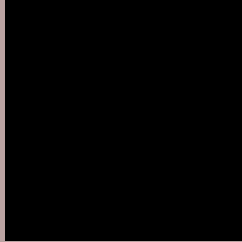
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2421, 0.3357, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 39.2421, 0.3357, 0.3304.



This preview shows how white text looks on a background with the Yxy color 39.2421, 0.3357, 0.3304.

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

39.2421, 0.3357, 0.3304

Protanopia

39.4925, 0.3190, 0.3332

Deuteranopia

39.3678, 0.3367, 0.3304



Tritanopia

39.2371, 0.3269, 0.3119

Trichromacy



Original Color

39.2421, 0.3357, 0.3304

Protanomaly

39.2999, 0.3248, 0.3318

Deuteranomaly

39.3678, 0.3367, 0.3304

Tritanomaly

39.3077, 0.3294, 0.3184

Monochromacy



Original Color

39.2421, 0.3357, 0.3304

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6576, 0.3211, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2421, 0.3357, 0.3304 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(186, 163, 162)` looks like.

```
.text, #text, p{  
    color:rgb(186, 163, 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(186, 163, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 163, 162) }
```

Border

The CSS property to change the border of an element to Yxy 39.2421, 0.3357, 0.3304 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(186, 163, 162) }
```

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

```
.border{ border-color:rgb(186, 163, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 163, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 163, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 163, 162);  
box-shadow:4px 4px 4px 4px rgb(186, 163,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2421, 0.3357, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 163, 162) }
```

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

```
.background{ background-color: rgb(186,  
163, 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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