

Converting Colors

$Yxy(39.9294, 0.3318, 0.3337)$

Have a look what the booklet for
Yxy(39.9294, 0.3318, 0.3337)
contains.

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Color

Yxy(39.9484, 0.3323, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	B7A6A2
RGB	183, 166, 162
RGB Percent	72%, 65%, 64%
CMY	0.2823, 0.3490, 0.3648
CMYK	0.00, 0.09, 0.11, 0.28
HSL	11°, 13%, 68%
HSV	11°, 11%, 72%
XYZ	39.6857, 39.9484, 39.7931
YIQ	170.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

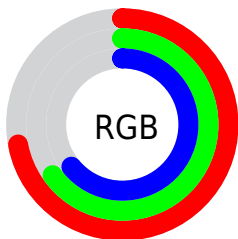
Format	Color
RYB	183, 167, 162
Decimal	12035746
CIELab	69.43, 5.47, 4.31
CIELCh	69, 6.958, 38.229
Yxy	39.9484, 0.3323, 0.3345
Android (android.graphics.Color)	4290225826 (0xFFB7A6A2)
YUV	170.6270, -4.2531, 10.8511
Hunter-Lab	63.2047, 1.4701, 6.9149

Details

The Yxy color **39.9484, 0.3323, 0.3345** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.3320, 0.2953, 0.3234**, and the grayscale version is **40.5460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0734, 0.3284, 0.3332**, and **17.9062, 0.3390, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **34.2713, 0.3532, 0.3396**, and if you desaturate by 10%, it is **46.3429, 0.3150, 0.3297**.

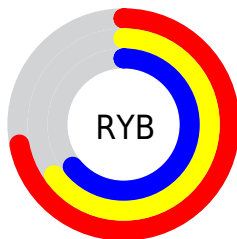
Distribution



Red (72%)

Green (65%)

Blue (64%)



Red (72%)

Yellow (65%)

Blue (64%)

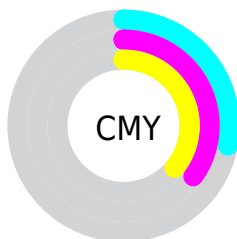


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9484, 0.3323, 0.3345 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 39.9484, 0.3323, 0.3345 by changing the saturation by 10% instead.

 39.9484, 0.3323,
0.3345


 39.9484, 0.3323,
0.3345


345.9060, 0.3222,
0.3318

 27.4983, 0.3349,
0.3352


 75.0849, 0.3286,
0.3335

 17.9478, 0.3383,
0.3361


 98.5402, 0.3272,
0.3331

 10.9125, 0.3430,
0.3372


126.4326, 0.3260,
0.3328

 6.0080, 0.3498,
0.3388

159.1466, 0.3250,
0.3325

 2.8500, 0.3604,
0.3412

197.0665, 0.3242,
0.3323

 1.0539, 0.3802,
0.3457

240.5768, 0.3234,

 0.0000, 1.0000,

0.3321

0.0000

290.0618, 0.3228,
0.3319

■ 0.0000, 0.0000,
0.0000

■ 39.9484, 0.3323,
0.3345

■ 39.9484, 0.3323,
0.3345

■ 34.2713, 0.3532,
0.3396

■ 46.3429, 0.3150,
0.3297

■ 29.2814, 0.3783,
0.3449

■ 53.4732, 0.3007,
0.3252

■ 24.9540, 0.4083,
0.3501

■ 61.3637, 0.2888,
0.3212

■ 21.2610, 0.4432,
0.3548

■ 70.0362, 0.2790,
0.3175

■ 18.1721, 0.4824,
0.3581

■ 79.5112, 0.2707,
0.3142

■ 15.6547, 0.5239,
0.3593

■ 88.6801, 0.2716,
0.3287

■ 13.6728, 0.5638,
0.3575

■ 88.8078, 0.2716,
0.3289

■ 12.1863, 0.5974,
0.3524

■ 11.2707, 0.6191,
0.3466

Harmonies

Analogous

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



39.9484, 0.3271, 0.3256



39.9484, 0.3323, 0.3345



39.9484, 0.3321, 0.3422

Triad

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



39.9484, 0.3323, 0.3345



39.9484, 0.3072, 0.3408



39.9484, 0.2988, 0.3118

Complementary

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



39.9484, 0.3323, 0.3345



43.3320, 0.2953, 0.3234

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.



39.9484, 0.2937, 0.3155



39.9484, 0.3323, 0.3345



39.9484, 0.2985, 0.3323

Square

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



39.9484, 0.3323, 0.3345



39.9484, 0.3175, 0.3461



39.9484, 0.2935, 0.3230



39.9484, 0.3077, 0.3126

Rectangle

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



39.9484, 0.3323, 0.3345



39.9484, 0.3290, 0.3456



39.9484, 0.2935, 0.3230



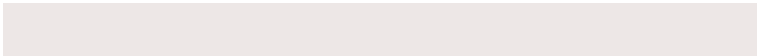
39.9484, 0.2966, 0.3126

Sweetspot

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



39.9502, 0.3323, 0.3345



81.1197, 0.3175, 0.3304



39.1633, 0.3174, 0.3062



17.7061, 0.3188, 0.3308



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.



39.9502, 0.3323, 0.3345



68.6296, 0.3376, 0.3359



43.8631, 0.3306, 0.3483



9.2829, 0.3283, 0.3334



7.9396, 0.6173, 0.3481



0.3641, 0.5702, 0.3855

Inverse Universe

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



43.3320, 0.2953, 0.3234



75.9921, 0.2912, 0.3220



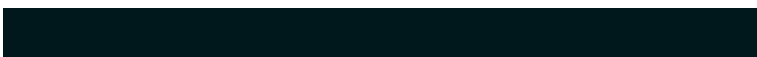
39.3408, 0.2950, 0.3090



9.9107, 0.2985, 0.3245



17.2529, 0.2076, 0.2674



0.6844, 0.2125, 0.2850

Previews

White Background



This preview shows how the Yxy color 39.9484, 0.3323, 0.3345 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 39.9484, 0.3323, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

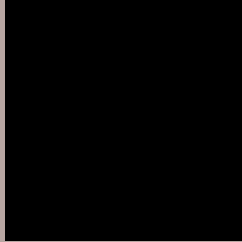
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9484, 0.3323, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 39.9484, 0.3323, 0.3345.



This preview shows how white text looks on a background with the Yxy color 39.9484, 0.3323, 0.3345.

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

39.9484, 0.3323, 0.3345

Protanopia

40.0549, 0.3216, 0.3359

Deuteranopia

39.9784, 0.3384, 0.3317



Tritanopia

40.0395, 0.3210, 0.3118

Trichromacy



Original Color

39.9484, 0.3323, 0.3345

Protanomaly

39.9967, 0.3254, 0.3359

Deuteranomaly

40.0837, 0.3363, 0.3331

Tritanomaly

40.0792, 0.3244, 0.3197

Monochromacy



Original Color

39.9484, 0.3323, 0.3345

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.3170, 0.3191, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9484, 0.3323, 0.3345 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(183, 166, 162)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 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(183, 166, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 162) }
```

Border

The CSS property to change the border of an element to Yxy 39.9484, 0.3323, 0.3345 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(183, 166, 162) }
```

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

```
.border{ border-color:rgb(183, 166, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 166, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 166, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 166, 162);  
box-shadow:4px 4px 4px 4px rgb(183, 166,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9484, 0.3323, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 166, 162) }
```

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

```
.background{ background-color: rgb(183,  
166, 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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