

Converting Colors

$Yxy(39.2334, 0.3341, 0.3343)$

Have a look what the booklet for
Yxy(39.2334, 0.3341, 0.3343)
contains.

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Color

Yxy(39.1563, 0.3344, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	B7A4A0
RGB	183, 164, 160
RGB Percent	72%, 64%, 63%
CMY	0.2825, 0.3568, 0.3725
CMYK	0.00, 0.10, 0.13, 0.28
HSL	10°, 14%, 67%
HSV	10°, 13%, 72%
XYZ	39.1446, 39.1563, 38.7583
YIQ	169.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

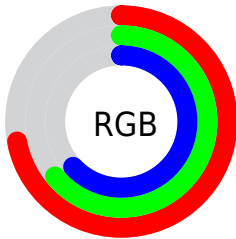
Format	Color
RYB	183, 165, 160
Decimal	12035232
CIELab	68.86, 6.21, 4.58
CIELCh	69, 7.714, 36.387
Yxy	39.1563, 0.3344, 0.3345
Android (android.graphics.Color)	4290225312 (0xFFB7A4A0)
YUV	169.2250, -4.5479, 12.0807
Hunter-Lab	62.5750, 2.1567, 7.0789

Details

The Yxy color **39.1563, 0.3344, 0.3345** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1210, 0.2937, 0.3234**, and the grayscale version is **39.8113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9201, 0.3300, 0.3333**, and **17.4383, 0.3409, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **33.4729, 0.3559, 0.3392**, and if you desaturate by 10%, it is **45.5799, 0.3167, 0.3301**.

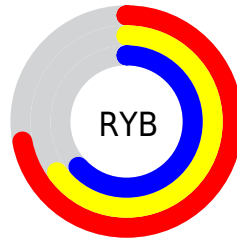
Distribution



Red (72%)

Green (64%)

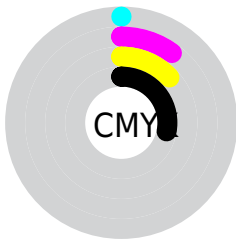
Blue (63%)



Red (72%)

Yellow (65%)

Blue (63%)

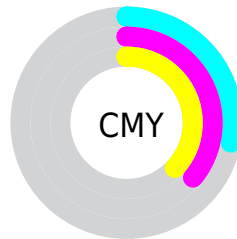


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1563, 0.3344, 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 39.1563, 0.3344, 0.3345 by changing the saturation by 10% instead.


 39.1563, 0.3344,
0.3345


 39.1563, 0.3344,
0.3345


342.5546, 0.3232,
0.3318

 26.8813, 0.3373,
0.3352


 73.8770, 0.3302,
0.3335

 17.4841, 0.3412,
0.3360


 97.0916, 0.3287,
0.3331

 10.5803, 0.3464,
0.3372


124.7215, 0.3274,
0.3328

 5.7854, 0.3540,
0.3388

157.1511, 0.3263,
0.3326

 2.7150, 0.3661,
0.3411

194.7648, 0.3254,
0.3323

 0.9848, 0.3900,
0.3466

237.9470, 0.3246,

 0.0000, 1.0000,

0.3321

0.0000

287.0821, 0.3238,
0.3319

0.0000, 0.0000,
0.0000

39.1563, 0.3344,
0.3345

39.1563, 0.3344,
0.3345

33.4729, 0.3559,
0.3392

45.5799, 0.3167,
0.3301

28.4980, 0.3817,
0.3441

52.7637, 0.3021,
0.3260

24.2053, 0.4126,
0.3488

60.7334, 0.2900,
0.3223

20.5648, 0.4486,
0.3529

69.5117, 0.2800,
0.3189

17.5441, 0.4888,
0.3557

79.1208, 0.2716,
0.3158

■ 15.1084, 0.5310,
0.3564

■ 88.5918, 0.2715,
0.3285

■ 13.2190, 0.5710,
0.3542

■ 88.8036, 0.2716,
0.3289

■ 11.8325, 0.6036,
0.3490

■ 11.0902, 0.6220,
0.3443

Harmonies

Analogous

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



39.1563, 0.3283, 0.3245



39.1563, 0.3344, 0.3345



39.1563, 0.3346, 0.3433

Triad

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



39.1563, 0.3344, 0.3345



39.1563, 0.3072, 0.3427



39.1563, 0.2967, 0.3100

Complementary

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



39.1563, 0.3344, 0.3345



43.1210, 0.2937, 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.



39.1563, 0.2913, 0.3144



39.1563, 0.3344, 0.3345



39.1563, 0.2973, 0.3333

Square

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



39.1563, 0.3344, 0.3345



39.1563, 0.3188, 0.3483



39.1563, 0.2915, 0.3229



39.1563, 0.3064, 0.3106

Rectangle

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



39.1563, 0.3344, 0.3345



39.1563, 0.3313, 0.3472



39.1563, 0.2915, 0.3229



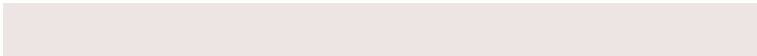
39.1563, 0.2943, 0.3109

Sweetspot

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



39.1580, 0.3344, 0.3345



79.8273, 0.3192, 0.3307



38.4706, 0.3175, 0.3035



17.4331, 0.3204, 0.3311



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.



39.1580, 0.3344, 0.3345



67.2770, 0.3398, 0.3358



43.3861, 0.3324, 0.3496



9.2585, 0.3283, 0.3330



7.8117, 0.6203, 0.3457



0.3537, 0.5752, 0.3815

Inverse Universe

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



43.1210, 0.2937, 0.3234



75.7458, 0.2897, 0.3222



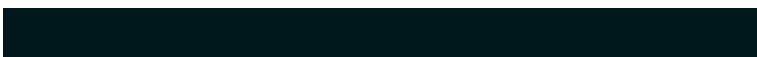
38.7748, 0.2934, 0.3075



9.9372, 0.2985, 0.3249



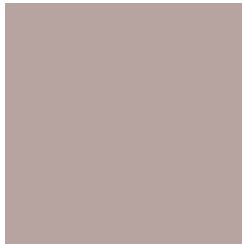
17.9404, 0.2092, 0.2732



0.7034, 0.2136, 0.2891

Previews

White Background



This preview shows how the Yxy color 39.1563, 0.3344, 0.3345 looks on a white background.

Color Contrast Check

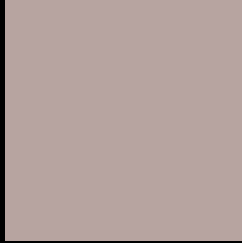
Large Text (above 18pt) WCAG AA × Fail

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 39.1563, 0.3344, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

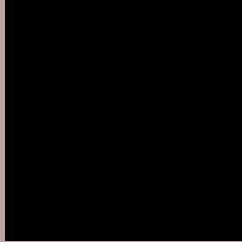
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1563, 0.3344, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 39.1563, 0.3344, 0.3345.



This preview shows how white text looks on a background with the Yxy color 39.1563, 0.3344, 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

39.1563, 0.3344, 0.3345

Protanopia

39.1303, 0.3226, 0.3360

Deuteranopia

38.9435, 0.3387, 0.3318



Tritanopia

39.2109, 0.3239, 0.3131

Trichromacy



Original Color

39.1563, 0.3344, 0.3345

Protanomaly

39.1928, 0.3274, 0.3359

Deuteranomaly

39.1716, 0.3375, 0.3331

Tritanomaly

39.2493, 0.3273, 0.3210

Monochromacy



Original Color

39.1563, 0.3344, 0.3345

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3893, 0.3201, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1563, 0.3344, 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, 164, 160)` looks like.

```
.text, #text, p{  
    color:rgb(183, 164, 160)  
}
```

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, 164, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 164, 160) }
```

Border

The CSS property to change the border of an element to Yxy 39.1563, 0.3344, 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, 164, 160) }
```

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

```
.border{ border-color:rgb(183, 164, 160) }
```

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

Here you see how a box with a 4 pixel rgb(183, 164, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 164, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 164, 160);  
box-shadow:4px 4px 4px 4px rgb(183, 164,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1563, 0.3344, 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, 164, 160) }
```

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

```
.background{ background-color: rgb(183,  
164, 160) }
```

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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