

Converting Colors

$Yxy(39.6008, 0.3312, 0.3354)$

Have a look what the booklet for
Yxy(39.6008, 0.3312, 0.3354)
contains.

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Color

Yxy(39.6694, 0.3313, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	B5A6A1
RGB	181, 166, 161
RGB Percent	71%, 65%, 63%
CMY	0.2901, 0.3490, 0.3687
CMYK	0.00, 0.08, 0.11, 0.29
HSL	15°, 12%, 67%
HSV	15°, 11%, 71%
XYZ	39.1261, 39.6694, 39.3033
YIQ	169.9150, 10.5450, 1.6250

Conversions

Conversions Part 2

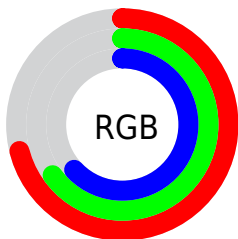
Format	Color
RYB	181, 168, 161
Decimal	11904673
CIELab	69.23, 4.56, 4.55
CIELCh	69, 6.443, 44.941
Yxy	39.6694, 0.3313, 0.3359
Android (android.graphics.Color)	4290094753 (0xFFB5A6A1)
YUV	169.9150, -4.3951, 9.7215
Hunter-Lab	62.9836, 0.6648, 7.0902

Details

The Yxy color **39.6694, 0.3313, 0.3359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9595, 0.2959, 0.3220**, and the grayscale version is **40.1733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6753, 0.3276, 0.3343**, and **17.7496, 0.3363, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **34.4039, 0.3516, 0.3426**, and if you desaturate by 10%, it is **45.5510, 0.3144, 0.3296**.

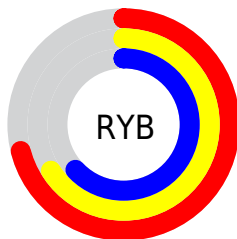
Distribution



Red (71%)

Green (65%)

Blue (63%)



Red (71%)

Yellow (66%)

Blue (63%)

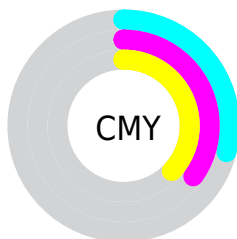


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (29%)



Cyan (29%)

Magenta (35%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6694, 0.3313, 0.3359 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 39.6694, 0.3313, 0.3359 by changing the saturation by 10% instead.


 39.6694, 0.3313,
0.3359


 39.6694, 0.3313,
0.3359


344.7282, 0.3217,
0.3324

 27.2809, 0.3338,
0.3368


 74.6598, 0.3277,
0.3346

 17.7843, 0.3371,
0.3379


 98.0305, 0.3264,
0.3342

 10.7952, 0.3415,
0.3394


125.8307, 0.3253,
0.3338

 5.9293, 0.3479,
0.3415

158.4448, 0.3244,
0.3334

 2.8021, 0.3581,
0.3447

196.2572, 0.3236,
0.3331

 1.0293, 0.3776,
0.3512

239.6523, 0.3229,

 0.0000, 1.0000,

0.3329

0.0000

289.0145, 0.3223,
0.3326

0.0000, 0.0000,
0.0000

39.6694, 0.3313,
0.3359

39.6694, 0.3313,
0.3359

34.4039, 0.3516,
0.3426

45.5510, 0.3144,
0.3296

29.7292, 0.3757,
0.3495

52.0626, 0.3002,
0.3239

25.6260, 0.4041,
0.3563

59.2240, 0.2883,
0.3186

22.0719, 0.4370,
0.3624

67.0528, 0.2783,
0.3137

19.0431, 0.4737,
0.3672

75.5657, 0.2699,
0.3094

■ 16.5137, 0.5125,
0.3695

■ 83.8035, 0.2697,
0.3206

■ 14.4558, 0.5505,
0.3683

■ 88.5655, 0.2706,
0.3289

■ 12.8383, 0.5836,
0.3630

■ 11.7309, 0.6073,
0.3560

Harmonies

Analogous

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



39.6694, 0.3275, 0.3277



39.6694, 0.3313, 0.3359



39.6694, 0.3300, 0.3425

Triad

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



39.6694, 0.3313, 0.3359



39.6694, 0.3056, 0.3384



39.6694, 0.3014, 0.3128

Complementary

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



39.6694, 0.3313, 0.3359



41.9595, 0.2959, 0.3220

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.



39.6694, 0.2957, 0.3154



39.6694, 0.3313, 0.3359



39.6694, 0.2981, 0.3301

Square

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



39.6694, 0.3313, 0.3359



39.6694, 0.3150, 0.3441



39.6694, 0.2945, 0.3217



39.6694, 0.3102, 0.3145

Rectangle

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



39.6694, 0.3313, 0.3359



39.6694, 0.3264, 0.3450



39.6694, 0.2945, 0.3217



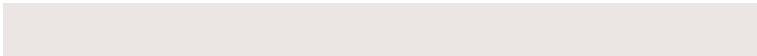
39.6694, 0.2991, 0.3132

Sweetspot

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



39.6712, 0.3313, 0.3359



79.3906, 0.3175, 0.3308



38.4431, 0.3184, 0.3088



16.9721, 0.3188, 0.3313



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.6712, 0.3313, 0.3359



68.9191, 0.3354, 0.3373



43.4509, 0.3297, 0.3493



8.8400, 0.3281, 0.3348



8.1811, 0.6052, 0.3577



0.3518, 0.5504, 0.4012

Inverse Universe

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



41.9595, 0.2959, 0.3220



73.7405, 0.2927, 0.3205



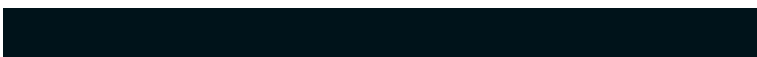
38.1801, 0.2957, 0.3079



9.2636, 0.2986, 0.3232



14.4813, 0.2020, 0.2470



0.5418, 0.2090, 0.2725

Previews

White Background



This preview shows how the Yxy color 39.6694, 0.3313, 0.3359 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 39.6694, 0.3313, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

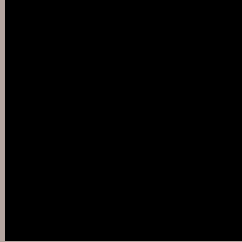
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

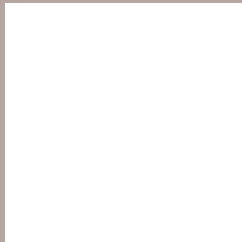
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6694, 0.3313, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 39.6694, 0.3313, 0.3359.



This preview shows how white text looks on a background with the Yxy color 39.6694, 0.3313, 0.3359.

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

39.6694, 0.3313, 0.3359

Protanopia

39.6126, 0.3235, 0.3374

Deuteranopia

39.4590, 0.3386, 0.3318



Tritanopia

39.7528, 0.3200, 0.3130

Trichromacy



Original Color

39.6694, 0.3313, 0.3359

Protanomaly

39.5932, 0.3264, 0.3359

Deuteranomaly

39.4384, 0.3355, 0.3331

Tritanomaly

39.7956, 0.3234, 0.3210

Monochromacy



Original Color

39.6694, 0.3313, 0.3359

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.1646, 0.3190, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6694, 0.3313, 0.3359 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(181, 166, 161)` looks like.

```
.text, #text, p{  
    color:rgb(181, 166, 161)  
}
```

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(181, 166, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 166, 161) }
```

Border

The CSS property to change the border of an element to Yxy 39.6694, 0.3313, 0.3359 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(181, 166, 161) }
```

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

```
.border{ border-color:rgb(181, 166, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 166, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 166, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 166, 161);  
box-shadow:4px 4px 4px 4px rgb(181, 166,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6694, 0.3313, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 166, 161) }
```

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

```
.background{ background-color: rgb(181,  
166, 161) }
```

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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