

Converting Colors

$Yxy(39.3461, 0.3277, 0.3355)$

Have a look what the booklet for
Yxy(39.3461, 0.3277, 0.3355)
contains.

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Color

Yxy(39.3106, 0.3284, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	B2A6A1
RGB	178, 166, 161
RGB Percent	70%, 65%, 63%
CMY	0.3019, 0.3490, 0.3686
CMYK	0.00, 0.07, 0.10, 0.30
HSL	18°, 10%, 66%
HSV	18°, 10%, 70%
XYZ	38.4329, 39.3106, 39.2872
YIQ	169.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

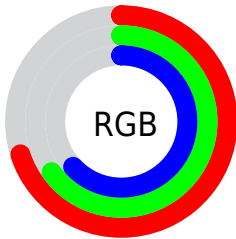
Format	Color
RYB	178, 168, 161
Decimal	11708065
CIELab	68.98, 3.46, 4.13
CIELCh	69, 5.386, 50.006
Yxy	39.3106, 0.3284, 0.3359
Android (android.graphics.Color)	4289898145 (0xFFB2A6A1)
YUV	169.0180, -3.9529, 7.8772
Hunter-Lab	62.6982, -0.3044, 6.7371

Details

The Yxy color **39.3106, 0.3284, 0.3359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6937, 0.2982, 0.3220**, and the grayscale version is **39.7043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1632, 0.3254, 0.3343**, and **17.5204, 0.3323, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **34.3746, 0.3478, 0.3436**, and if you desaturate by 10%, it is **44.7872, 0.3120, 0.3287**.

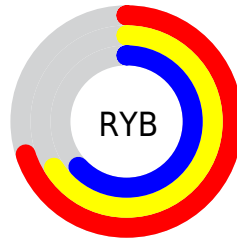
Distribution



Red (70%)

Green (65%)

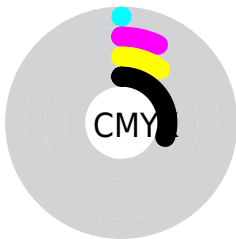
Blue (63%)



Red (70%)

Yellow (66%)

Blue (63%)

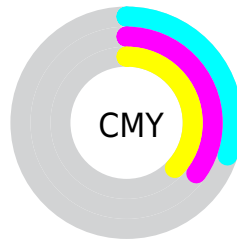


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (30%)



Cyan (30%)


Magenta (35%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3106, 0.3284, 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 39.3106, 0.3284, 0.3359 by changing the saturation by 10% instead.


 39.3106, 0.3284,
0.3359


 39.3106, 0.3284,
0.3359


343.2092, 0.3203,
0.3324

 27.0014, 0.3305,
0.3368


 74.1126, 0.3254,
0.3346

 17.5743, 0.3333,
0.3379


 97.3742, 0.3243,
0.3341

 10.6448, 0.3370,
0.3395


125.0554, 0.3234,
0.3337

 5.8285, 0.3425,
0.3417

157.5406, 0.3226,
0.3334

 2.7411, 0.3511,
0.3451

195.2142, 0.3219,
0.3331

 0.9981, 0.3680,
0.3521

238.4605, 0.3213,

 0.0000, 0.0000,

0.3328

0.0000

287.6641, 0.3208,
0.3326

■ 39.3106, 0.3284,
0.3359

■ 39.3106, 0.3284,
0.3359

■ 34.3746, 0.3478,
0.3436

■ 44.7872, 0.3120,
0.3287

■ 29.9575, 0.3708,
0.3516

■ 50.8151, 0.2983,
0.3220

■ 26.0435, 0.3976,
0.3596

■ 57.4111, 0.2866,
0.3159

■ 22.6143, 0.4285,
0.3670

■ 64.5897, 0.2768,
0.3103

■ 19.6503, 0.4630,
0.3730

■ 72.3651, 0.2684,
0.3053

■ 17.1306, 0.4998,
0.3766

■ 79.8968, 0.2674,
0.3141

■ 15.0322, 0.5363,
0.3766

■ 87.6273, 0.2690,
0.3279

■ 13.3302, 0.5692,
0.3722

■ 88.2068, 0.2691,
0.3289

■ 11.9909, 0.5962,
0.3642

Harmonies

Analogous

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



39.3106, 0.3259, 0.3291



39.3106, 0.3284, 0.3359



39.3106, 0.3266, 0.3410

Triad

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



39.3106, 0.3284, 0.3359



39.3106, 0.3055, 0.3358



39.3106, 0.3043, 0.3154

Complementary

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



39.3106, 0.3284, 0.3359



40.6937, 0.2982, 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.



39.3106, 0.2990, 0.3170



39.3106, 0.3284, 0.3359



39.3106, 0.2997, 0.3287

Square

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



39.3106, 0.3284, 0.3359



39.3106, 0.3133, 0.3410



39.3106, 0.2973, 0.3218



39.3106, 0.3120, 0.3174

Rectangle

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



39.3106, 0.3284, 0.3359



39.3106, 0.3232, 0.3427



39.3106, 0.2973, 0.3218



39.3106, 0.3022, 0.3155

Sweetspot

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



39.3123, 0.3284, 0.3359



77.6138, 0.3175, 0.3312



37.9870, 0.3181, 0.3124



17.0170, 0.3187, 0.3317



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.



39.3123, 0.3284, 0.3359



69.7417, 0.3314, 0.3371



42.4412, 0.3272, 0.3472



8.8977, 0.3280, 0.3357



8.6368, 0.5954, 0.3655



0.3753, 0.5397, 0.4097

Inverse Universe

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



40.6937, 0.2982, 0.3220



72.6439, 0.2957, 0.3207



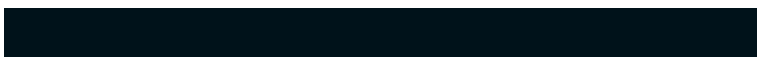
37.5956, 0.2981, 0.3102



9.2025, 0.2986, 0.3222



13.0590, 0.1978, 0.2321



0.5058, 0.2062, 0.2623

Previews

White Background



This preview shows how the Yxy color 39.3106, 0.3284, 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 39.3106, 0.3284, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

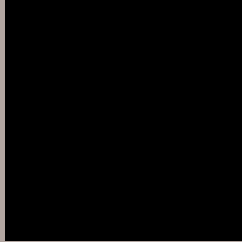
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3106, 0.3284, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 39.3106, 0.3284, 0.3359.



This preview shows how white text looks on a background with the Yxy color 39.3106, 0.3284, 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

39.3106, 0.3284, 0.3359

Protanopia

39.4981, 0.3225, 0.3374

Deuteranopia

39.3678, 0.3367, 0.3304



Tritanopia

39.3888, 0.3172, 0.3129

Trichromacy



Original Color

39.3106, 0.3284, 0.3359

Protanomaly

39.3600, 0.3245, 0.3360

Deuteranomaly

39.3499, 0.3336, 0.3318

Tritanomaly

39.4342, 0.3206, 0.3209

Monochromacy



Original Color

39.3106, 0.3284, 0.3359

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.5291, 0.3181, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3106, 0.3284, 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(178, 166, 161)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 166, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 166, 161) }
```

Border

The CSS property to change the border of an element to Yxy 39.3106, 0.3284, 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(178, 166, 161) }
```

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

```
.border{ border-color:rgb(178, 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(178, 166, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 166, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 166, 161);  
box-shadow:4px 4px 4px 4px rgb(178, 166,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3106, 0.3284, 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(178, 166, 161) }
```

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

```
.background{ background-color: rgb(178,  
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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