

Converting Colors

$Yxy(39.6405, 0.3282, 0.3236)$

Have a look what the booklet for
Yxy(39.6405, 0.3282, 0.3236)
contains.

Yxy(39.5684, 0.3281, 0.3237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.5684, 0.3281, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	B8A4A8
RGB	184, 164, 168
RGB Percent	72%, 64%, 66%
CMY	0.2785, 0.3568, 0.3412
CMYK	0.00, 0.11, 0.09, 0.28
HSL	348°, 12%, 68%
HSV	348°, 11%, 72%
XYZ	40.1062, 39.5684, 42.5632
YIQ	170.4360, 10.6360, 5.4840

Conversions

Conversions Part 2

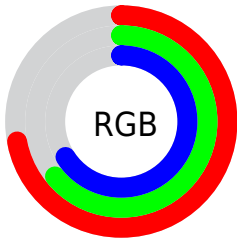
Format	Color
RYB	184, 164, 168
Decimal	12100776
CIELab	69.16, 7.95, 0.59
CIELCh	69, 7.975, 4.266
Yxy	39.5684, 0.3281, 0.3237
Android (android.graphics.Color)	4290290856 (0xFFB8A4A8)
YUV	170.4360, -1.2009, 11.8956
Hunter-Lab	62.9034, 3.7279, 3.9142

Details

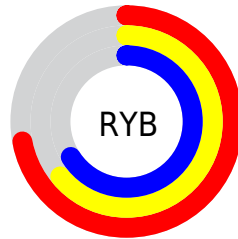
The Yxy color **39.5684, 0.3281, 0.3237** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.4630, 0.2993, 0.3344**, and the grayscale version is **40.4291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5160, 0.3252, 0.3249**, and **17.6746, 0.3331, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **32.9354, 0.3457, 0.3185**, and if you desaturate by 10%, it is **47.2198, 0.3138, 0.3286**.

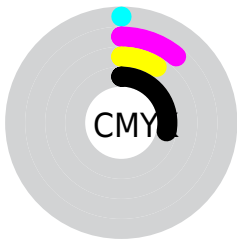
Distribution



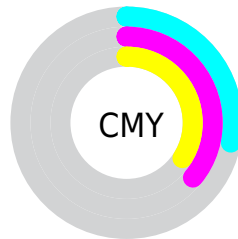
- Red (72%)
- Green (64%)
- Blue (66%)



- Red (72%)
- Yellow (64%)
- Blue (66%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (28%)





- Cyan (28%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5684, 0.3281, 0.3237 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 39.5684, 0.3281, 0.3237 by changing the saturation by 10% instead.


 39.5684, 0.3281,
0.3237


 39.5684, 0.3281,
0.3237


344.3011, 0.3202,
0.3265

 27.2022, 0.3302,
0.3230


 74.5058, 0.3252,
0.3247

 17.7251, 0.3328,
0.3220


 97.8459, 0.3241,
0.3251

 10.7528, 0.3365,
0.3208


125.6126, 0.3232,
0.3254

 5.9009, 0.3418,
0.3189

158.1905, 0.3224,
0.3257

 2.7849, 0.3501,
0.3159

195.9639, 0.3217,
0.3259

 1.0205, 0.3650,
0.3106

239.3172, 0.3212,

 0.0000, 1.0000,

0.3261

0.0000

288.6348, 0.3206,
0.3263


 0.0000, 0.0000,
0.0000


 39.5684, 0.3281,
0.3237


 39.5684, 0.3281,
0.3237

 32.9354, 0.3457,
0.3185

 47.2198, 0.3138,
0.3286

 27.2727, 0.3675,
0.3131


 55.9245, 0.3022,
0.3331


 22.5363, 0.3939,
0.3079

 65.7224, 0.2928,
0.3373

 18.6766, 0.4256,
0.3032

 76.6496, 0.2851,
0.3410

 15.6394, 0.4623,
0.2998

 88.0987, 0.2787,
0.3434

■ 13.3645, 0.5026,
0.2986

■ 88.9282, 0.2721,
0.3289

■ 11.7833, 0.5434,
0.3004

■ 10.8149, 0.5804,
0.3056

■ 10.3194, 0.6076,
0.3121

Harmonies

Analogous

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



39.5684, 0.3173, 0.3150



39.5684, 0.3281, 0.3237



39.5684, 0.3348, 0.3339

Triad

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



39.5684, 0.3281, 0.3237



39.5684, 0.3198, 0.3491



39.5684, 0.2905, 0.3144

Complementary

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



39.5684, 0.3281, 0.3237



45.4630, 0.2993, 0.3344

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.



39.5684, 0.2911, 0.3234



39.5684, 0.3281, 0.3237



39.5684, 0.3079, 0.3437

Square

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



39.5684, 0.3281, 0.3237



39.5684, 0.3299, 0.3488



39.5684, 0.2975, 0.3342



39.5684, 0.2956, 0.3095

Rectangle

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



39.5684, 0.3281, 0.3237



39.5684, 0.3360, 0.3403



39.5684, 0.2975, 0.3342



39.5684, 0.2900, 0.3171

Sweetspot

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



39.5701, 0.3281, 0.3237



82.4101, 0.3167, 0.3276



39.7171, 0.3103, 0.3024



17.5178, 0.3178, 0.3272



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.



39.5701, 0.3281, 0.3237



68.7410, 0.3319, 0.3225



41.6196, 0.3308, 0.3371



9.0407, 0.3257, 0.3245



7.1219, 0.6049, 0.3106



0.2598, 0.5353, 0.2723

Inverse Universe

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



39.5701, 0.3281, 0.3237



68.7410, 0.3319, 0.3225



43.1911, 0.2962, 0.3208



9.0407, 0.3257, 0.3245



7.1219, 0.6049, 0.3106



0.2598, 0.5353, 0.2723

Previews

White Background



This preview shows how the Yxy color 39.5684, 0.3281, 0.3237 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 39.5684, 0.3281, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

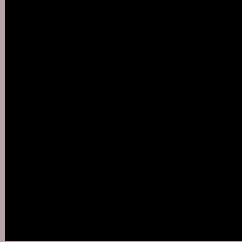
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5684, 0.3281, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 39.5684, 0.3281, 0.3237.



This preview shows how white text looks on a background with the Yxy color 39.5684, 0.3281, 0.3237.

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

39.5684, 0.3281, 0.3237

Protanopia

39.5655, 0.3138, 0.3262

Deuteranopia

39.3358, 0.3292, 0.3223



Tritanopia

39.6433, 0.3220, 0.3118

Trichromacy



Original Color

39.5684, 0.3281, 0.3237

Protanomaly

39.7321, 0.3193, 0.3263

Deuteranomaly

39.3358, 0.3292, 0.3223

Tritanomaly

39.5258, 0.3247, 0.3157

Monochromacy



Original Color

39.5684, 0.3281, 0.3237

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9838, 0.3183, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5684, 0.3281, 0.3237 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(184, 164, 168)` looks like.

```
.text, #text, p{  
    color:rgb(184, 164, 168)  
}
```

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(184, 164, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 164, 168) }
```

Border

The CSS property to change the border of an element to Yxy 39.5684, 0.3281, 0.3237 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(184, 164, 168) }
```

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

```
.border{ border-color:rgb(184, 164, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 164, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 164, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 164, 168);  
box-shadow:4px 4px 4px 4px rgb(184, 164,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5684, 0.3281, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 164, 168) }
```

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

```
.background{ background-color: rgb(184,  
164, 168) }
```

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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