

Converting Colors

$Y_{xy}(40.7169, 0.3311, 0.3358)$

Have a look what the booklet for
Yxy(40.7169, 0.3311, 0.3358)
contains.

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Color

Yxy(40.7169, 0.3311, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	B7A8A3
RGB	183, 168, 163
RGB Percent	72%, 66%, 64%
CMY	0.2822, 0.3412, 0.3608
CMYK	0.00, 0.08, 0.11, 0.28
HSL	15°, 12%, 68%
HSV	15°, 11%, 72%
XYZ	40.1470, 40.7169, 40.3895
YIQ	171.9150, 10.5450, 1.6250

Conversions

Conversions Part 2

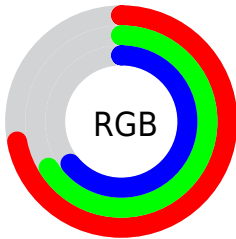
Format	Color
RYB	183, 170, 163
Decimal	12036259
CIELab	69.98, 4.56, 4.53
CIElCh	70, 6.431, 44.820
Yxy	40.7169, 0.3311, 0.3358
Android (android.graphics.Color)	4290226339 (0xFFB7A8A3)
YUV	171.9150, -4.3951, 9.7215
Hunter-Lab	63.8098, 0.6391, 7.1382

Details

The Yxy color **40.7169, 0.3311, 0.3358** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0592, 0.2961, 0.3221**, and the grayscale version is **41.2308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1880, 0.3275, 0.3343**, and **18.3843, 0.3372, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **35.3031, 0.3514, 0.3424**, and if you desaturate by 10%, it is **46.7649, 0.3142, 0.3296**.

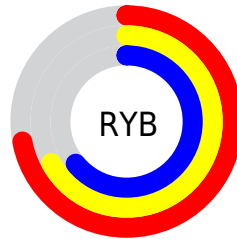
Distribution



Red (72%)

Green (66%)

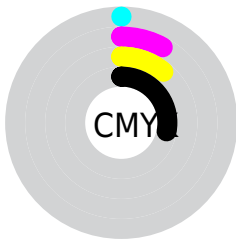
Blue (64%)



Red (72%)

Yellow (67%)

Blue (64%)

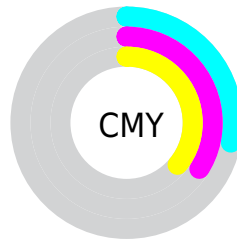


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.7169, 0.3311, 0.3358 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 40.7169, 0.3311, 0.3358 by changing the saturation by 10% instead.


 40.7169, 0.3311,
0.3358


 40.7169, 0.3311,
0.3358

349.1360, 0.3217,
0.3324

 28.0979, 0.3335,
0.3367


 76.2540, 0.3276,
0.3346

 18.3995, 0.3367,
0.3378


 99.9408, 0.3263,
0.3341

 11.2372, 0.3411,
0.3392


128.0858, 0.3252,
0.3337

 6.2266, 0.3473,
0.3413

161.0733, 0.3243,
0.3334

 2.9834, 0.3570,
0.3444

199.2877, 0.3235,
0.3331

 1.1230, 0.3746,
0.3496

243.1133, 0.3228,

 0.0000, 1.0000,

0.3328

0.0000

292.9346, 0.3222,
0.3326

0.0000, 0.0000,
0.0000

40.7169, 0.3311,
0.3358

40.7169, 0.3311,
0.3358

35.3031, 0.3514,
0.3424

46.7649, 0.3142,
0.3296

30.4976, 0.3755,
0.3493

53.4614, 0.3000,
0.3238

26.2803, 0.4039,
0.3561

60.8270, 0.2882,
0.3185

22.6283, 0.4368,
0.3623

68.8797, 0.2782,
0.3137

19.5168, 0.4735,
0.3670

77.6368, 0.2698,
0.3094

■ 16.9195, 0.5124,
0.3693

■ 85.9140, 0.2711,
0.3239

■ 14.8073, 0.5506,
0.3681

■ 88.8113, 0.2716,
0.3289

■ 13.1482, 0.5837,
0.3628

■ 12.0007, 0.6077,
0.3557

Harmonies

Analogous

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



40.7169, 0.3274, 0.3276



40.7169, 0.3311, 0.3358



40.7169, 0.3298, 0.3423

Triad

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



40.7169, 0.3311, 0.3358



40.7169, 0.3057, 0.3383



40.7169, 0.3015, 0.3130

Complementary

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



40.7169, 0.3311, 0.3358



43.0592, 0.2961, 0.3221

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.



40.7169, 0.2959, 0.3156



40.7169, 0.3311, 0.3358



40.7169, 0.2983, 0.3302

Square

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



40.7169, 0.3311, 0.3358



40.7169, 0.3151, 0.3440



40.7169, 0.2947, 0.3218



40.7169, 0.3102, 0.3146

Rectangle

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



40.7169, 0.3311, 0.3358



40.7169, 0.3263, 0.3448



40.7169, 0.2947, 0.3218



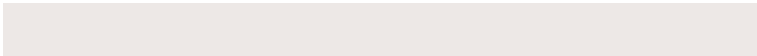
40.7169, 0.2992, 0.3134

Sweetspot

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



40.7187, 0.3311, 0.3358



81.3525, 0.3175, 0.3308



39.4918, 0.3180, 0.3086



17.7705, 0.3188, 0.3313



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.



40.7187, 0.3311, 0.3358



70.6031, 0.3354, 0.3373



44.4325, 0.3296, 0.3486



9.3667, 0.3282, 0.3348



8.4626, 0.6056, 0.3573



0.3996, 0.5542, 0.3981

Inverse Universe

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



43.0592, 0.2961, 0.3221



75.5818, 0.2926, 0.3206



39.3358, 0.2959, 0.3086



9.8207, 0.2985, 0.3232



15.0438, 0.2020, 0.2472



0.6222, 0.2086, 0.2708

Previews

White Background



This preview shows how the Yxy color 40.7169, 0.3311, 0.3358 looks on a white background.

Color Contrast Check

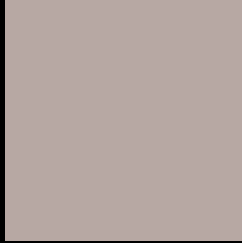
Large Text (above 18pt) WCAG AA × Fail

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 40.7169, 0.3311, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

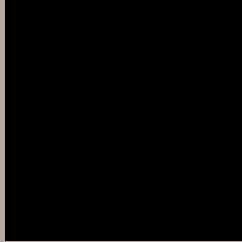
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7169, 0.3311, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 40.7169, 0.3311, 0.3358.



This preview shows how white text looks on a background with the Yxy color 40.7169, 0.3311, 0.3358.

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

40.7169, 0.3311, 0.3358

Protanopia

40.6599, 0.3233, 0.3373

Deuteranopia

40.5378, 0.3374, 0.3304



Tritanopia

40.8414, 0.3191, 0.3119

Trichromacy



Original Color

40.7169, 0.3311, 0.3358

Protanomaly

40.6400, 0.3263, 0.3359

Deuteranomaly

40.5176, 0.3343, 0.3317

Tritanomaly

40.8449, 0.3233, 0.3210

Monochromacy



Original Color

40.7169, 0.3311, 0.3358

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2205, 0.3189, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7169, 0.3311, 0.3358 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, 168, 163)` looks like.

```
.text, #text, p{  
    color:rgb(183, 168, 163)  
}
```

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, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 168, 163) }
```

Border

The CSS property to change the border of an element to Yxy 40.7169, 0.3311, 0.3358 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, 168, 163) }
```

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

```
.border{ border-color:rgb(183, 168, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 168, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 168, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 168, 163);  
box-shadow:4px 4px 4px 4px rgb(183, 168,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7169, 0.3311, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 168, 163) }
```

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

```
.background{ background-color: rgb(183,  
168, 163) }
```

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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