

Converting Colors

$Yxy(40.5429, 0.3388, 0.3482)$

Have a look what the booklet for
Yxy(40.5429, 0.3388, 0.3482)
contains.

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Color

Yxy(40.4056, 0.3392, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	B7A89A
RGB	183, 168, 154
RGB Percent	72%, 66%, 60%
CMY	0.2822, 0.3412, 0.3961
CMYK	0.00, 0.08, 0.16, 0.28
HSL	29°, 17%, 66%
HSV	29°, 16%, 72%
XYZ	39.3725, 40.4056, 36.2966
YIQ	170.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

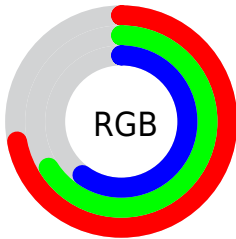
Format	Color
R_{YB}	183, 181, 154
Decimal	12036250
CIE Lab	69.76, 3.08, 9.18
CIE LCh	70, 9.686, 71.454
Yxy	40.4056, 0.3392, 0.3481
Android (android.graphics.Color)	4290226330 (0xFFB7A89A)
YUV	170.8890, -8.3263, 10.6213
Hunter-Lab	63.5654, -0.6762, 10.6405

Details

The Yxy color **40.4056, 0.3392, 0.3481** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6912, 0.2883, 0.3091**, and the grayscale version is **40.7072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6801, 0.3343, 0.3448**, and **18.2159, 0.3474, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **36.4658, 0.3590, 0.3609**, and if you desaturate by 10%, it is **44.6979, 0.3218, 0.3359**.

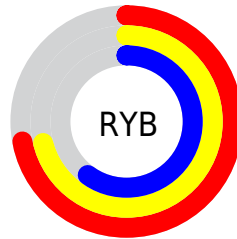
Distribution



Red (72%)

Green (66%)

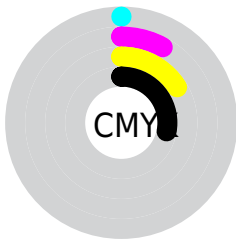
Blue (60%)



Red (72%)

Yellow (71%)

Blue (60%)

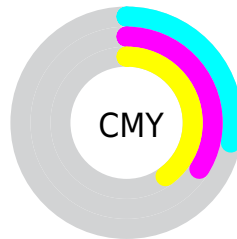


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (28%)



Cyan (28%)


Magenta (34%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4056, 0.3392, 0.3481 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 40.4056, 0.3392, 0.3481 by changing the saturation by 10% instead.


 40.4056, 0.3392,
0.3481


 40.4056, 0.3392,
0.3481


347.8302, 0.3256,
0.3384

 27.8549, 0.3427,
0.3506


 75.7808, 0.3342,
0.3445

 18.2163, 0.3473,
0.3537


 99.3740, 0.3323,
0.3432

 11.1054, 0.3535,
0.3580


127.4169, 0.3307,
0.3421

 6.1378, 0.3625,
0.3641

160.2939, 0.3294,
0.3412

 2.9290, 0.3764,
0.3732

198.3893, 0.3283,
0.3403

 1.0948, 0.4095,
0.3969

242.0876, 0.3273,

 0.0000, 1.0000,

0.3396

0.0000

291.7731, 0.3264,
0.3390

0.0000, 0.0000,
0.0000

40.4056, 0.3392,
0.3481

40.4056, 0.3392,
0.3481

36.4658, 0.3590,
0.3609

44.6979, 0.3218,
0.3359

32.8634, 0.3813,
0.3738

49.3464, 0.3067,
0.3243

29.5901, 0.4061,
0.3863

54.3618, 0.2936,
0.3136

26.6351, 0.4329,
0.3976

59.7525, 0.2821,
0.3038

23.9871, 0.4610,
0.4065

65.5268, 0.2722,
0.2948

■ 21.6337, 0.4889,
0.4117

■ 71.1103, 0.2681,
0.2956

■ 19.5612, 0.5149,
0.4122

■ 76.3840, 0.2693,
0.3064

■ 17.7537, 0.5373,
0.4074

■ 81.9474, 0.2704,
0.3169

■ 17.0746, 0.5460,
0.4046

■ 87.8050, 0.2714,
0.3272

Harmonies

Analogous

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



40.4056, 0.3403, 0.3377



40.4056, 0.3392, 0.3481



40.4056, 0.3309, 0.3536

Triad

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



40.4056, 0.3392, 0.3481



40.4056, 0.2920, 0.3321



40.4056, 0.3072, 0.3069

Complementary

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



40.4056, 0.3392, 0.3481



38.6912, 0.2883, 0.3091

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.



40.4056, 0.2945, 0.3051



40.4056, 0.3392, 0.3481



40.4056, 0.2859, 0.3193

Square

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



40.4056, 0.3392, 0.3481



40.4056, 0.3036, 0.3444



40.4056, 0.2868, 0.3095



40.4056, 0.3216, 0.3143

Rectangle

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



40.4056, 0.3392, 0.3481



40.4056, 0.3225, 0.3536



40.4056, 0.2868, 0.3095



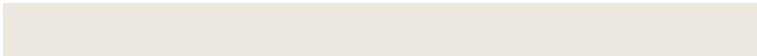
40.4056, 0.3026, 0.3056

Sweetspot

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



40.4074, 0.3392, 0.3481



80.6353, 0.3206, 0.3349



36.0688, 0.3271, 0.3080



17.6857, 0.3217, 0.3358



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.



40.4074, 0.3392, 0.3481



69.8250, 0.3457, 0.3525



45.8957, 0.3363, 0.3665



9.7066, 0.3276, 0.3400



12.0407, 0.5441, 0.4061



0.5485, 0.5038, 0.4382

Inverse Universe

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



38.6912, 0.2883, 0.3091



66.1749, 0.2828, 0.3044



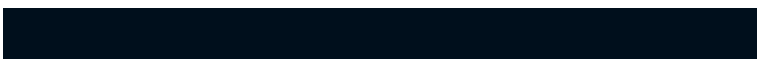
33.7244, 0.2874, 0.2885



9.4691, 0.2985, 0.3177



8.2192, 0.1795, 0.1661



0.4130, 0.1922, 0.2119

Previews

White Background



This preview shows how the Yxy color 40.4056, 0.3392, 0.3481 looks on a white background.

Color Contrast Check

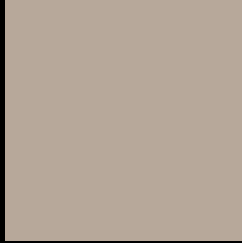
Large Text (above 18pt) WCAG AA × Fail

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 40.4056, 0.3392, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

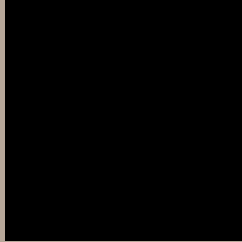
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

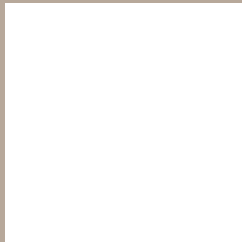
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.4056, 0.3392, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 40.4056, 0.3392, 0.3481.



This preview shows how white text looks on a background with the Yxy color 40.4056, 0.3392, 0.3481.

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

40.4056, 0.3392, 0.3481

Protanopia

40.4631, 0.3321, 0.3498

Deuteranopia

40.2549, 0.3489, 0.3410



Tritanopia

40.5237, 0.3218, 0.3132

Trichromacy



Original Color

40.4056, 0.3392, 0.3481

Protanomaly

40.3262, 0.3342, 0.3483

Deuteranomaly

40.0956, 0.3447, 0.3425

Tritanomaly

40.4513, 0.3279, 0.3250

Monochromacy



Original Color

40.4056, 0.3392, 0.3481

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5800, 0.3215, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4056, 0.3392, 0.3481 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(183, 168, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 168, 154) }
```

Border

The CSS property to change the border of an element to Yxy 40.4056, 0.3392, 0.3481 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, 154) }
```

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

```
.border{ border-color:rgb(183, 168, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 168, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 168, 154); box-shadow:4px 4px 4px 4px rgb(183, 168, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4056, 0.3392, 0.3481 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, 154) }
```

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

```
.background{ background-color: rgb(183,  
168, 154) }
```

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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