

Converting Colors

$Yxy(41.8365, 0.3408, 0.3538)$

Have a look what the booklet for
Yxy(41.8365, 0.3408, 0.3538)
contains.

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Color

Yxy(41.7400, 0.3413, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	B9AB99
RGB	185, 171, 153
RGB Percent	73%, 67%, 60%
CMY	0.2745, 0.3294, 0.3999
CMYK	0.00, 0.08, 0.17, 0.27
HSL	34°, 19%, 66%
HSV	34°, 17%, 73%
XYZ	40.3223, 41.7400, 36.0809
YIQ	173.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

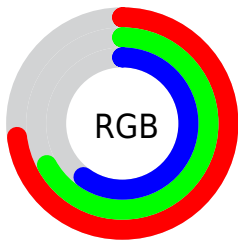
Format	Color
RYB	178, 185, 153
Decimal	12168089
CIELab	70.69, 2.03, 11.07
CIELCh	71, 11.252, 79.613
Yxy	41.7400, 0.3413, 0.3533
Android (android.graphics.Color)	4290358169 (0xFFB9AB99)
YUV	173.1340, -9.9261, 10.4065
Hunter-Lab	64.6065, -1.6558, 12.1127

Details

The Yxy color **41.7400, 0.3413, 0.3533** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9264, 0.2858, 0.3034**, and the grayscale version is **41.9091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5985, 0.3360, 0.3489**, and **19.0585, 0.3503, 0.3607** is the 20% darker color. If you saturate the color by 10%, you get **38.2098, 0.3606, 0.3681**, and if you desaturate by 10%, it is **45.5563, 0.3240, 0.3390**.

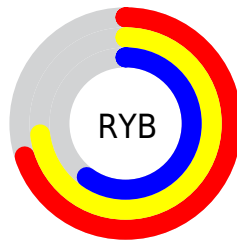
Distribution



Red (73%)

Green (67%)

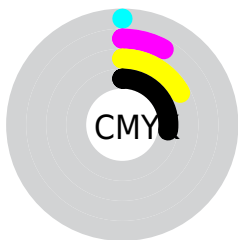
Blue (60%)



Red (70%)

Yellow (73%)

Blue (60%)

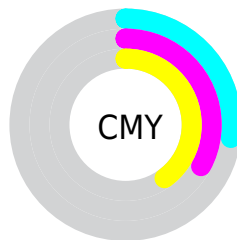


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7400, 0.3413, 0.3533 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 41.7400, 0.3413, 0.3533 by changing the saturation by 10% instead.


 41.7400, 0.3413,
0.3533


 41.7400, 0.3413,
0.3533

353.4040, 0.3267,
0.3410

 28.8978, 0.3450,
0.3564


 77.8060, 0.3359,
0.3488

 19.0035, 0.3499,
0.3604


 101.7985, 0.3339,
0.3471

 11.6728, 0.3564,
0.3658


130.2766, 0.3323,
0.3457

 6.5213, 0.3657,
0.3734

163.6246, 0.3308,
0.3445

 3.1646, 0.3800,
0.3848

202.2269, 0.3296,
0.3434

 1.2182, 0.4132,
0.4125

246.4680, 0.3285,

 0.0765, 0.6150,

0.3425

0.3850

296.7323, 0.3276,
0.3417

0.0000, 0.0000,
0.0000

41.7400, 0.3413,
0.3533

41.7400, 0.3413,
0.3533

38.2098, 0.3606,
0.3681

45.5563, 0.3240,
0.3390

34.9523, 0.3819,
0.3831

49.6605, 0.3087,
0.3254

31.9615, 0.4050,
0.3974

54.0614, 0.2953,
0.3127

29.2286, 0.4294,
0.4102

58.7656, 0.2834,
0.3010

26.7443, 0.4541,
0.4204

63.7798, 0.2730,
0.2903

■ 24.4986, 0.4779,
0.4267

■ 68.5146, 0.2686,
0.2896

■ 22.4800, 0.4995,
0.4282

■ 72.8604, 0.2696,
0.2989

■ 20.6739, 0.5178,
0.4246

■ 77.4150, 0.2705,
0.3080

■ 20.2137, 0.5226,
0.4233

■ 82.1811, 0.2714,
0.3169

Harmonies

Analogous

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



41.7400, 0.3450, 0.3426



41.7400, 0.3413, 0.3533



41.7400, 0.3298, 0.3578

Triad

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



41.7400, 0.3413, 0.3533



41.7400, 0.2863, 0.3284



41.7400, 0.3108, 0.3055

Complementary

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



41.7400, 0.3413, 0.3533



37.9264, 0.2858, 0.3034

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.



41.7400, 0.2953, 0.3015



41.7400, 0.3413, 0.3533



41.7400, 0.2815, 0.3142

Square

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



41.7400, 0.3413, 0.3533



41.7400, 0.2981, 0.3432



41.7400, 0.2847, 0.3045



41.7400, 0.3271, 0.3153

Rectangle

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



41.7400, 0.3413, 0.3533



41.7400, 0.3195, 0.3563



41.7400, 0.2847, 0.3045



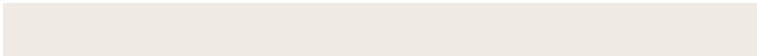
41.7400, 0.3053, 0.3034

Sweetspot

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



41.7419, 0.3413, 0.3533



83.1618, 0.3205, 0.3359



35.9123, 0.3312, 0.3096



17.8200, 0.3216, 0.3369



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.



41.7419, 0.3413, 0.3533



72.1286, 0.3489, 0.3593



47.1161, 0.3369, 0.3715



9.8271, 0.3274, 0.3419



13.9106, 0.5209, 0.4246



0.6113, 0.4881, 0.4506

Inverse Universe

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



37.9264, 0.2858, 0.3034



63.9285, 0.2792, 0.2967



33.2271, 0.2863, 0.2831



9.3492, 0.2985, 0.3158



6.5329, 0.1722, 0.1400



0.3539, 0.1865, 0.1912

Previews

White Background



This preview shows how the Yxy color 41.7400, 0.3413, 0.3533 looks on a white background.

Color Contrast Check

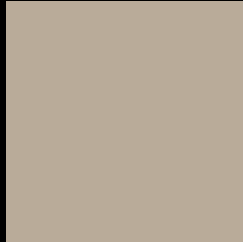
Large Text (above 18pt) WCAG AA × Fail

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 41.7400, 0.3413, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

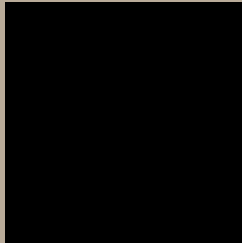
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7400, 0.3413, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 41.7400, 0.3413, 0.3533.

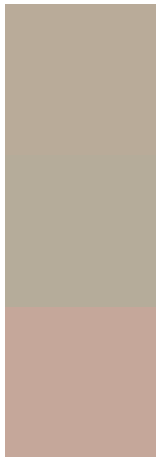


This preview shows how white text looks on a background with the Yxy color 41.7400, 0.3413, 0.3533.

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

41.7400, 0.3413, 0.3533

Protanopia

41.6619, 0.3364, 0.3536

Deuteranopia

41.8408, 0.3529, 0.3460



Tritanopia

41.7515, 0.3218, 0.3121

Trichromacy



Original Color

41.7400, 0.3413, 0.3533

Protanomaly

41.7832, 0.3374, 0.3535

Deuteranomaly

41.6758, 0.3488, 0.3475

Tritanomaly

41.5989, 0.3295, 0.3264

Monochromacy



Original Color

41.7400, 0.3413, 0.3533

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6053, 0.3223, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7400, 0.3413, 0.3533 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(185, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(185, 171, 153)  
}
```

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(185, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 171, 153) }
```

Border

The CSS property to change the border of an element to Yxy 41.7400, 0.3413, 0.3533 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(185, 171, 153) }
```

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

```
.border{ border-color:rgb(185, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(185, 171,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7400, 0.3413, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 171, 153) }
```

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

```
.background{ background-color: rgb(185,  
171, 153) }
```

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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