

Converting Colors

$Y_{xy}(41.4761, 0.3279, 0.3406)$

Have a look what the booklet for
Yxy(41.4761, 0.3279, 0.3406)
contains.

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Color

Yxy(41.4735, 0.3278, 0.3399)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B4ABA3 |
| RGB | 180, 171, 163 |
| RGB Percent | 71%, 67%, 64% |
| CMY | 0.2941, 0.3294, 0.3608 |
| CMYK | 0.00, 0.05, 0.09, 0.29 |
| HSL | 28°, 10%, 67% |
| HSV | 28°, 9%, 71% |
| XYZ | 39.9971, 41.4735, 40.5462 |
| YIQ | 172.7790, 7.9320, -0.5800 |

Conversions

Conversions Part 2

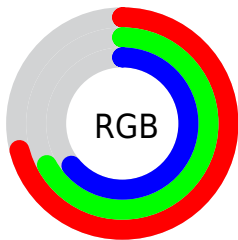
| Format | Color |
|-------------------------------------|---|
| RYB | 180, 178, 163 |
| Decimal | 11840419 |
| CIELab | 70.51, 1.81, 5.26 |
| CIELCh | 71, 5.564, 70.984 |
| Yxy | 41.4735, 0.3278, 0.3399 |
| Android (android.graphics.Color) | 4290030499 (0xFFB4ABA3) |
| YUV | 172.7790, -4.8210, 6.3328 |
| Hunter-Lab | 64.3999, -1.8382, 7.7510 |

Details

The Yxy color $41.4735, 0.3278, 0.3399$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.5882, 0.2983, 0.3179$, and the grayscale version is $41.6940, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.2875, 0.3250, 0.3374$, and $18.8534, 0.3325, 0.3441$ is the 20% darker color. If you saturate the color by 10%, you get $37.4038, 0.3460, 0.3521$, and if you desaturate by 10%, it is $45.8983, 0.3119, 0.3284$.

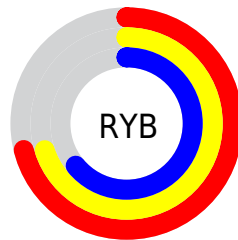
Distribution



Red (71%)

Green (67%)

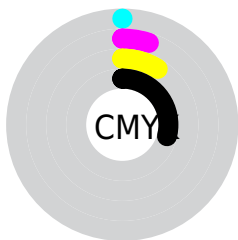
Blue (64%)



Red (71%)

Yellow (70%)

Blue (64%)

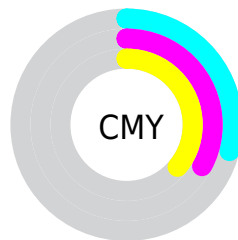


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4735, 0.3278, 0.3399 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 41.4735, 0.3278, 0.3399 by changing the saturation by 10% instead.

 41.4735, 0.3278,
0.3399


 41.4735, 0.3278,
0.3399


352.2957, 0.3201,
0.3344

 28.6893, 0.3298,
0.3413


 77.4022, 0.3250,
0.3379

 18.8459, 0.3324,
0.3431


 101.3154, 0.3239,
0.3371

 11.5590, 0.3359,
0.3456


129.7070, 0.3230,
0.3365

 6.4441, 0.3409,
0.3491

162.9615, 0.3223,
0.3359

 3.1170, 0.3486,
0.3544

201.4632, 0.3216,
0.3355

 1.1931, 0.3624,
0.3637

245.5966, 0.3210,

 0.0561, 0.6350,

0.3351

0.3650

295.7459, 0.3205,
0.3347

0.0000, 0.0000,
0.0000

41.4735, 0.3278,
0.3399

41.4735, 0.3278,
0.3399

37.4038, 0.3460,
0.3521

45.8983, 0.3119,
0.3284

33.6745, 0.3668,
0.3647

50.6815, 0.2981,
0.3177

30.2775, 0.3902,
0.3773

55.8337, 0.2861,
0.3077

27.2027, 0.4161,
0.3892

61.3630, 0.2757,
0.2986

24.4391, 0.4438,
0.3995

67.2774, 0.2667,
0.2903

■ 21.9750, 0.4725,
0.4070

■ 72.5106, 0.2668,
0.2992

■ 19.7978, 0.5004,
0.4104

■ 77.9049, 0.2680,
0.3099

■ 17.8933, 0.5259,
0.4089

■ 83.5929, 0.2692,
0.3205

■ 16.2405, 0.5478,
0.4026

■ 88.4442, 0.2701,
0.3289

Harmonies

Analogous

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



41.4735, 0.3283, 0.3340



41.4735, 0.3278, 0.3399



41.4735, 0.3232, 0.3429

Triad

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



41.4735, 0.3278, 0.3399



41.4735, 0.3009, 0.3310



41.4735, 0.3095, 0.3162

Complementary

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



41.4735, 0.3278, 0.3399



40.5882, 0.2983, 0.3179

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.



41.4735, 0.3023, 0.3153



41.4735, 0.3278, 0.3399



41.4735, 0.2974, 0.3237

Square

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



41.4735, 0.3278, 0.3399



41.4735, 0.3077, 0.3378



41.4735, 0.2978, 0.3180



41.4735, 0.3177, 0.3205

Rectangle

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



41.4735, 0.3278, 0.3399



41.4735, 0.3185, 0.3429



41.4735, 0.2978, 0.3180



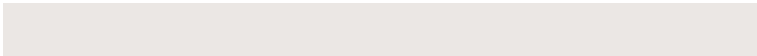
41.4735, 0.3069, 0.3155

Sweetspot

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



41.4753, 0.3278, 0.3399



80.2526, 0.3174, 0.3324



38.8793, 0.3208, 0.3167



17.2057, 0.3186, 0.3334



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.



41.4753, 0.3278, 0.3399



73.8676, 0.3308, 0.3420



44.7654, 0.3266, 0.3511



9.1427, 0.3276, 0.3397



11.4071, 0.5471, 0.4038



0.4760, 0.5026, 0.4391

Inverse Universe

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



40.5882, 0.2983, 0.3179



71.9854, 0.2956, 0.3157



37.4776, 0.2983, 0.3059



8.9500, 0.2985, 0.3180



8.1847, 0.1806, 0.1700



0.3732, 0.1941, 0.2186

Previews

White Background



This preview shows how the Yxy color 41.4735, 0.3278, 0.3399 looks on a white background.

Color Contrast Check

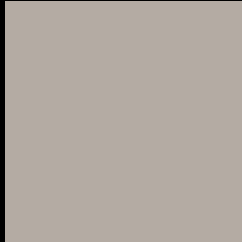
Large Text (above 18pt) WCAG AA × Fail

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 41.4735, 0.3278, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

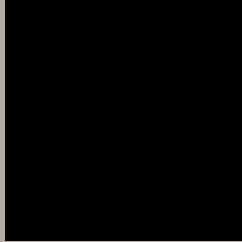
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

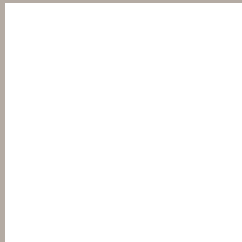
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4735, 0.3278, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 41.4735, 0.3278, 0.3399.

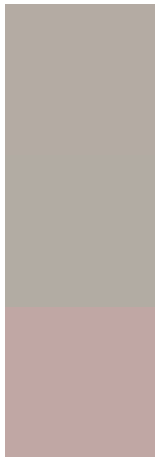


This preview shows how white text looks on a background with the Yxy color 41.4735, 0.3278, 0.3399.

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

41.4735, 0.3278, 0.3399

Protanopia

41.6144, 0.3258, 0.3413

Deuteranopia

41.5242, 0.3389, 0.3330



Tritanopia

41.4087, 0.3153, 0.3119

Trichromacy



Original Color

41.4735, 0.3278, 0.3399

Protanomaly

41.7331, 0.3267, 0.3413

Deuteranomaly

41.3770, 0.3349, 0.3344

Tritanomaly

41.3770, 0.3203, 0.3224

Monochromacy



Original Color

41.4735, 0.3278, 0.3399

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5997, 0.3188, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4735, 0.3278, 0.3399 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(180, 171, 163)` looks like.

```
.text, #text, p{  
    color:rgb(180, 171, 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(180, 171, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 171, 163) }
```

Border

The CSS property to change the border of an element to Yxy 41.4735, 0.3278, 0.3399 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(180, 171, 163) }
```

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

```
.border{ border-color:rgb(180, 171, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 171, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 171, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 171, 163);  
box-shadow:4px 4px 4px 4px rgb(180, 171,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4735, 0.3278, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 171, 163) }
```

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

```
.background{ background-color: rgb(180,  
171, 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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