

Converting Colors

$Yxy(41.2407, 0.3287, 0.3170)$

Have a look what the booklet for
Yxy(41.2407, 0.3287, 0.3170)
contains.

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Color

Yxy(41.0818, 0.3283, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	BFA5AF
RGB	191, 165, 175
RGB Percent	75%, 65%, 69%
CMY	0.2510, 0.3529, 0.3137
CMYK	0.00, 0.14, 0.08, 0.25
HSL	337°, 17%, 70%
HSV	337°, 14%, 75%
XYZ	42.6809, 41.0818, 46.2430
YIQ	173.9140, 12.2860, 8.6220

Conversions

Conversions Part 2

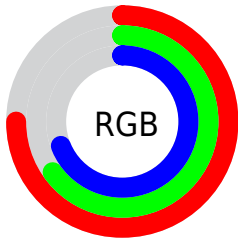
Format	Color
RYB	191, 165, 175
Decimal	12559791
CIELab	70.23, 11.19, -1.66
CIELCh	70, 11.312, 351.579
Yxy	41.0818, 0.3283, 0.3160
Android (android.graphics.Color)	4290749871 (0xFFBFA5AF)
YUV	173.9140, 0.5354, 14.9844
Hunter-Lab	64.0951, 6.6966, 2.0903

Details

The Yxy color $41.0818, 0.3283, 0.3160$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $48.6002, 0.2993, 0.3424$, and the grayscale version is $42.2750, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.6737, 0.3254, 0.3189$, and $18.5587, 0.3320, 0.3112$ is the 20% darker color. If you saturate the color by 10%, you get $34.2582, 0.3427, 0.3059$, and if you desaturate by 10%, it is $48.9782, 0.3165, 0.3257$.

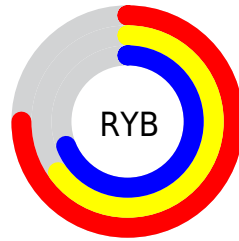
Distribution



Red (75%)

Green (65%)

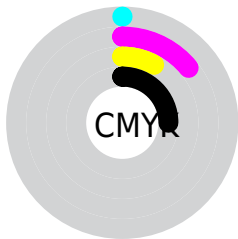
Blue (69%)



Red (75%)

Yellow (65%)

Blue (69%)

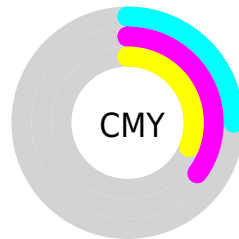


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (25%)



Cyan (25%)


Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0818, 0.3283, 0.3160 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 41.0818, 0.3283, 0.3160 by changing the saturation by 10% instead.


 41.0818, 0.3283,
0.3160

 41.0818, 0.3283,
0.3160


350.6624, 0.3204,
0.3226

 28.3830, 0.3303,
0.3143


 76.8081, 0.3254,
0.3184

 18.6146, 0.3330,
0.3122


 100.6043, 0.3243,
0.3193

 11.3921, 0.3365,
0.3092


128.8685, 0.3234,
0.3201

 6.3312, 0.3416,
0.3051

161.9850, 0.3226,
0.3207

 3.0475, 0.3494,
0.2987

200.3383, 0.3219,
0.3213

 1.1566, 0.3631,
0.2878

244.3127, 0.3213,

 0.0258, 0.6369,

0.3218

0.0552

294.2926, 0.3208,
0.3222

0.0000, 0.0000,
0.0000

41.0818, 0.3283,
0.3160

41.0818, 0.3283,
0.3160

34.2582, 0.3427,
0.3059

48.9782, 0.3165,
0.3257

28.4555, 0.3601,
0.2955

57.9857, 0.3067,
0.3347

23.6256, 0.3810,
0.2854

68.1471, 0.2988,
0.3430

19.7144, 0.4054,
0.2763

79.5015, 0.2922,
0.3507

16.6623, 0.4333,
0.2692

88.5236, 0.2865,
0.3519

■ 14.4027, 0.4639,
0.2654

■ 89.2205, 0.2805,
0.3391

■ 12.8591, 0.4955,
0.2660

■ 89.8173, 0.2757,
0.3289

■ 11.9395, 0.5261,
0.2718

■ 11.5653, 0.5445,
0.2773

Harmonies

Analogous

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



41.0818, 0.3119, 0.3057



41.0818, 0.3283, 0.3160



41.0818, 0.3407, 0.3297

Triad

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



41.0818, 0.3283, 0.3160



41.0818, 0.3291, 0.3581



41.0818, 0.2811, 0.3132

Complementary

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



41.0818, 0.3283, 0.3160



48.6002, 0.2993, 0.3424

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.



41.0818, 0.2855, 0.3273



41.0818, 0.3283, 0.3160



41.0818, 0.3129, 0.3539

Square

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



41.0818, 0.3283, 0.3160



41.0818, 0.3411, 0.3541



41.0818, 0.2970, 0.3425



41.0818, 0.2849, 0.3038

Rectangle

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



41.0818, 0.3283, 0.3160



41.0818, 0.3448, 0.3391



41.0818, 0.2970, 0.3425



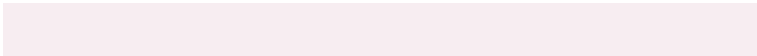
41.0818, 0.2817, 0.3175

Sweetspot

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



41.0836, 0.3283, 0.3160



87.0373, 0.3169, 0.3252



40.4487, 0.3049, 0.2949



18.8623, 0.3178, 0.3245



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.0836, 0.3283, 0.3160



70.1676, 0.3318, 0.3134



41.6524, 0.3369, 0.3325



9.5955, 0.3230, 0.3202



7.6146, 0.5410, 0.2754



0.3111, 0.4764, 0.2398

Inverse Universe

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



41.0836, 0.3283, 0.3160



70.1676, 0.3318, 0.3134



47.9018, 0.2921, 0.3255



9.5955, 0.3230, 0.3202



7.6146, 0.5410, 0.2754



0.3111, 0.4764, 0.2398

Previews

White Background



This preview shows how the Yxy color 41.0818, 0.3283, 0.3160 looks on a white background.

Color Contrast Check

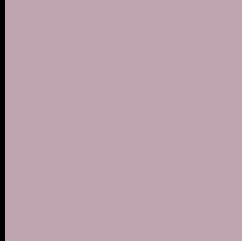
Large Text (above 18pt) WCAG AA × Fail

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 41.0818, 0.3283, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

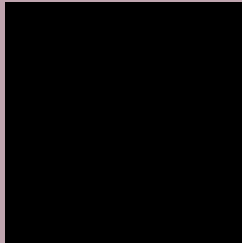
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0818, 0.3283, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 41.0818, 0.3283, 0.3160.



This preview shows how white text looks on a background with the Yxy color 41.0818, 0.3283, 0.3160.

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

41.0818, 0.3283, 0.3160

Protanopia

41.2244, 0.3087, 0.3195

Deuteranopia

40.9324, 0.3244, 0.3172



Tritanopia

41.1610, 0.3265, 0.3134

Trichromacy



Original Color

41.0818, 0.3283, 0.3160

Protanomaly

41.2536, 0.3159, 0.3183

Deuteranomaly

41.0589, 0.3254, 0.3172

Tritanomaly

41.1212, 0.3274, 0.3147

Monochromacy



Original Color

41.0818, 0.3283, 0.3160

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8851, 0.3183, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0818, 0.3283, 0.3160 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(191, 165, 175)` looks like.

```
.text, #text, p{  
    color:rgb(191, 165, 175)  
}
```

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(191, 165, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 165, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.0818, 0.3283, 0.3160 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(191, 165, 175) }
```

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

```
.border{ border-color:rgb(191, 165, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 165, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 165, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 165, 175);  
box-shadow:4px 4px 4px 4px rgb(191, 165,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0818, 0.3283, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 165, 175) }
```

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

```
.background{ background-color: rgb(191,  
165, 175) }
```

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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