

Converting Colors

$Y_{xy}(41.1991, 0.3117, 0.2901)$

Have a look what the booklet for
Yxy(41.1991, 0.3117, 0.2901)
contains.

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Color

Yxy(41.1658, 0.3118, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	BFA3C2
RGB	191, 163, 194
RGB Percent	75%, 64%, 76%
CMY	0.2510, 0.3608, 0.2391
CMYK	0.02, 0.16, 0.00, 0.24
HSL	294°, 20%, 70%
HSV	294°, 16%, 76%
XYZ	44.3215, 41.1658, 56.6598
YIQ	174.9060, 6.7370, 15.5770

Conversions

Conversions Part 2

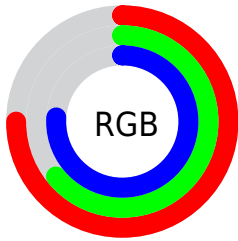
Format	Color
R _Y B	191, 163, 194
Decimal	12559298
CIE Lab	70.29, 15.78, -12.09
CIE LCh	70, 19.879, 322.548
Yxy	41.1658, 0.3118, 0.2896
Android (android.graphics.Color)	4290749378 (0xFFBFA3C2)
YUV	174.9060, 9.4133, 14.1144
Hunter-Lab	64.1606, 11.0249, -7.4462

Details

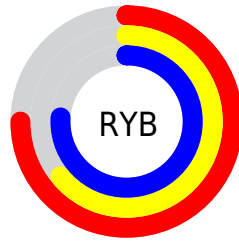
The Yxy color **41.1658, 0.3118, 0.2896** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.3468, 0.3131, 0.3711**, and the grayscale version is **42.7675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0643, 0.3121, 0.2963**, and **18.5807, 0.3112, 0.2789** is the 20% darker color. If you saturate the color by 10%, you get **34.5543, 0.3109, 0.2642**, and if you desaturate by 10%, it is **48.8410, 0.3124, 0.3145**.

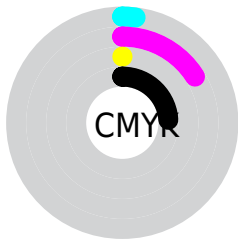
Distribution



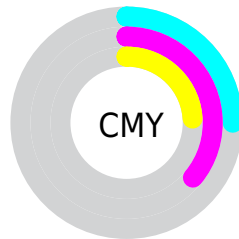
- Red (75%)
- Green (64%)
- Blue (76%)



- Red (75%)
- Yellow (64%)
- Blue (76%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)





- Cyan (25%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1658, 0.3118, 0.2896 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 41.1658, 0.3118, 0.2896 by changing the saturation by 10% instead.


 41.1658, 0.3118,
0.2896


 41.1658, 0.3118,
0.2896


351.0131, 0.3125,
0.3091

 28.4487, 0.3115,
0.2848


 76.9355, 0.3121,
0.2967

 18.6641, 0.3112,
0.2786


 100.7569, 0.3122,
0.2993

 11.4278, 0.3106,
0.2705


129.0485, 0.3123,
0.3016

 6.3554, 0.3097,
0.2593

162.1946, 0.3124,
0.3035

 3.0624, 0.3080,
0.2428

200.5798, 0.3124,
0.3052

 1.1644, 0.3043,
0.2165

244.5883, 0.3124,


 0.0323, 0.3131,


0.3067


0.0243

294.6046, 0.3125,
0.3080


 0.0000, 0.0000,
0.0000


 41.1658, 0.3118,
0.2896


 41.1658, 0.3118,
0.2896


 34.5543, 0.3109,
0.2642


 48.8410, 0.3124,
0.3145


 28.9532, 0.3097,
0.2390

 57.6195, 0.3129,
0.3384

 24.3124, 0.3083,
0.2150

 67.5455, 0.3131,
0.3609

 20.5757, 0.3065,
0.1931

 78.6591, 0.3132,
0.3818

 17.6809, 0.3045,
0.1744

 87.7577, 0.3135,
0.3961

■ 15.5577, 0.3022,
0.1595

■ 88.0205, 0.3146,
0.3959

■ 14.1249, 0.2999,
0.1489

■ 88.2865, 0.3158,
0.3957

■ 13.2796, 0.2974,
0.1426

■ 88.5558, 0.3170,
0.3954

■ 13.0224, 0.2964,
0.1407

■ 88.8284, 0.3182,
0.3952

Harmonies

Analogous

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



41.1658, 0.2842, 0.2814



41.1658, 0.3118, 0.2896



41.1658, 0.3408, 0.3071

Triad

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



41.1658, 0.3118, 0.2896



41.1658, 0.3619, 0.3730



41.1658, 0.2650, 0.3245

Complementary

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



41.1658, 0.3118, 0.2896



49.3468, 0.3131, 0.3711

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.



41.1658, 0.2842, 0.3521



41.1658, 0.3118, 0.2896



41.1658, 0.3401, 0.3807

Square

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



41.1658, 0.3118, 0.2896



41.1658, 0.3705, 0.3541



41.1658, 0.3115, 0.3733



41.1658, 0.2582, 0.2999

Rectangle

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



41.1658, 0.3118, 0.2896



41.1658, 0.3567, 0.3222



41.1658, 0.3115, 0.3733



41.1658, 0.2702, 0.3338

Sweetspot

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



41.1676, 0.3118, 0.2896



89.8255, 0.3125, 0.3168



38.9936, 0.2872, 0.2909



19.4354, 0.3125, 0.3150



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



41.1676, 0.3118, 0.2896



70.3885, 0.3115, 0.2812



41.0291, 0.3254, 0.3052



10.1960, 0.3123, 0.3062



8.5798, 0.2968, 0.1408



0.3854, 0.3025, 0.1440

Inverse Universe

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



40.4219, 0.3397, 0.3251



68.8074, 0.3466, 0.3243



49.4906, 0.3018, 0.3541



10.0935, 0.3274, 0.3268



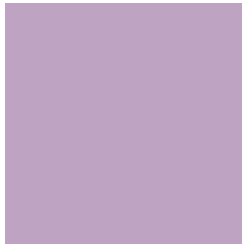
7.5772, 0.6274, 0.3230



0.3329, 0.5878, 0.3012

Previews

White Background



This preview shows how the Yxy color 41.1658, 0.3118, 0.2896 looks on a white background.

Color Contrast Check

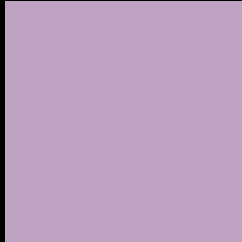
Large Text (above 18pt) WCAG AA × Fail

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 41.1658, 0.3118, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

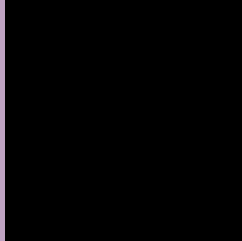
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1658, 0.3118, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 41.1658, 0.3118, 0.2896.



This preview shows how white text looks on a background with the Yxy color 41.1658, 0.3118, 0.2896.

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

41.1658, 0.3118, 0.2896

Protanopia

41.4648, 0.2871, 0.2917

Deuteranopia

41.0714, 0.3018, 0.2949



Tritanopia

41.3459, 0.3228, 0.3121

Trichromacy



Original Color

41.1658, 0.3118, 0.2896

Protanomaly

41.2666, 0.2960, 0.2910

Deuteranomaly

41.1900, 0.3054, 0.2939

Tritanomaly

41.3181, 0.3194, 0.3045

Monochromacy



Original Color

41.1658, 0.3118, 0.2896

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3270, 0.3125, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1658, 0.3118, 0.2896 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, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(191, 163, 194)  
}
```

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, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 163, 194) }
```

Border

The CSS property to change the border of an element to Yxy 41.1658, 0.3118, 0.2896 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, 163, 194) }
```

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

```
.border{ border-color:rgb(191, 163, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 163, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 163, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 163, 194);  
box-shadow:4px 4px 4px 4px rgb(191, 163,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1658, 0.3118, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 163, 194) }
```

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

```
.background{ background-color: rgb(191,  
163, 194) }
```

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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