

Converting Colors

$Y_{xy}(41.7130, 0.3080, 0.2891)$

Have a look what the booklet for
Yxy(41.7130, 0.3080, 0.2891)
contains.

Yxy(41.7146, 0.3083, 0.2896)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.7146, 0.3083, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	BDA5C4
RGB	189, 165, 196
RGB Percent	74%, 65%, 77%
CMY	0.2587, 0.3530, 0.2315
CMYK	0.04, 0.16, 0.00, 0.23
HSL	287°, 21%, 71%
HSV	287°, 16%, 77%
XYZ	44.4082, 41.7146, 57.9193
YIQ	175.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

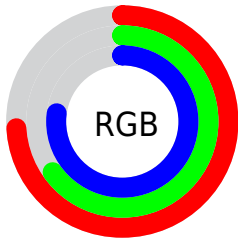
Format	Color
R_{YB}	189, 165, 196
Decimal	12428740
CIE _{Lab}	70.67, 14.39, -12.61
CIE _{LCh}	71, 19.134, 318.761
Yxy	41.7146, 0.3083, 0.2896
Android (android.graphics.Color)	4290618820 (0xFFBDA5C4)
YUV	175.7100, 10.0030, 11.6553
Hunter-Lab	64.5868, 9.7049, -7.9585

Details

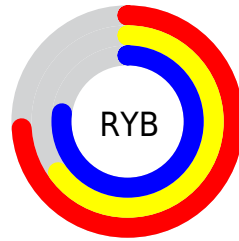
The Yxy color **41.7146, 0.3083, 0.2896** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.9483, 0.3163, 0.3702**, and the grayscale version is **43.2045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6907, 0.3087, 0.2962**, and **18.9975, 0.3075, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **34.6270, 0.3048, 0.2634**, and if you desaturate by 10%, it is **49.9060, 0.3113, 0.3149**.

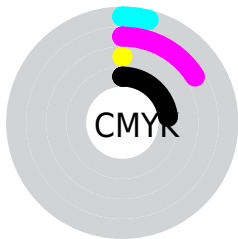
Distribution



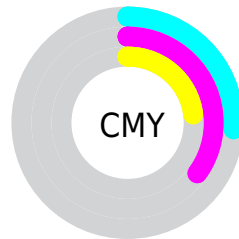
- Red (74%)
- Green (65%)
- Blue (77%)



- Red (74%)
- Yellow (65%)
- Blue (77%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (23%)




- Cyan (26%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7146, 0.3083, 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 41.7146, 0.3083, 0.2896 by changing the saturation by 10% instead.


 41.7146, 0.3083,
0.2896


 41.7146, 0.3083,
0.2896


353.2985, 0.3108,
0.3091

 28.8779, 0.3076,
0.2848


 77.7675, 0.3093,
0.2966

 18.9885, 0.3067,
0.2787


 101.7525, 0.3096,
0.2993

 11.6619, 0.3054,
0.2706


130.2223, 0.3099,
0.3016

 6.5139, 0.3034,
0.2594

163.5614, 0.3101,
0.3035

 3.1600, 0.3001,
0.2431

202.1542, 0.3103,
0.3052

 1.2158, 0.2939,
0.2171

246.3851, 0.3105,

 0.0746, 0.2892,

0.3066

0.0511

296.6383, 0.3106,
0.3079

0.0000, 0.0000,
0.0000

41.7146, 0.3083,
0.2896

41.7146, 0.3083,
0.2896

34.6270, 0.3048,
0.2634

49.9060, 0.3113,
0.3149

28.5885, 0.3006,
0.2369

59.2421, 0.3137,
0.3388

23.5479, 0.2958,
0.2111

69.7680, 0.3156,
0.3611

19.4473, 0.2906,
0.1869

81.5250, 0.3171,
0.3816

16.2230, 0.2849,
0.1655

89.3520, 0.3190,
0.3926

■ 13.8031, 0.2789,
0.1479

■ 90.0096, 0.3217,
0.3921

■ 12.1043, 0.2729,
0.1347

■ 90.6851, 0.3246,
0.3916

■ 11.0224, 0.2670,
0.1260

■ 91.3785, 0.3274,
0.3910

■ 10.6648, 0.2645,
0.1231

■ 92.0901, 0.3303,
0.3904

Harmonies

Analogous

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



41.7146, 0.2825, 0.2830



41.7146, 0.3083, 0.2896



41.7146, 0.3364, 0.3055

Triad

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



41.7146, 0.3083, 0.2896



41.7146, 0.3617, 0.3694



41.7146, 0.2687, 0.3281

Complementary

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



41.7146, 0.3083, 0.2896



50.9483, 0.3163, 0.3702

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.



41.7146, 0.2884, 0.3542



41.7146, 0.3083, 0.2896



41.7146, 0.3421, 0.3783

Square

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



41.7146, 0.3083, 0.2896



41.7146, 0.3680, 0.3504



41.7146, 0.3152, 0.3731



41.7146, 0.2605, 0.3038

Rectangle

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



41.7146, 0.3083, 0.2896



41.7146, 0.3523, 0.3196



41.7146, 0.3152, 0.3731



41.7146, 0.2741, 0.3370

Sweetspot

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



41.7164, 0.3083, 0.2896



91.5952, 0.3114, 0.3167



41.5741, 0.2877, 0.2970



19.3616, 0.3113, 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.



41.7164, 0.3083, 0.2896



70.8863, 0.3071, 0.2805



42.2600, 0.3217, 0.3003



10.1300, 0.3103, 0.3061



6.8942, 0.2653, 0.1235



0.3266, 0.2784, 0.1307

Inverse Universe

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



41.6177, 0.3358, 0.3201



70.6989, 0.3420, 0.3181



50.4941, 0.3048, 0.3595



10.1140, 0.3254, 0.3239



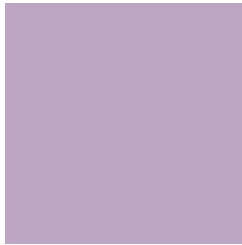
7.6682, 0.5984, 0.3070



0.3421, 0.5344, 0.2718

Previews

White Background



This preview shows how the Yxy color 41.7146, 0.3083, 0.2896 looks on a white background.

Color Contrast Check

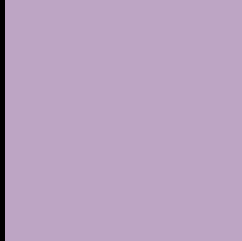
Large Text (above 18pt) WCAG AA × Fail

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 41.7146, 0.3083, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

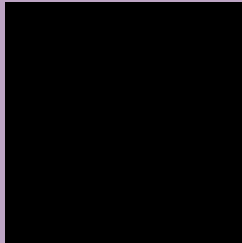
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7146, 0.3083, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 41.7146, 0.3083, 0.2896.



This preview shows how white text looks on a background with the Yxy color 41.7146, 0.3083, 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

41.7146, 0.3083, 0.2896

Protanopia

42.0000, 0.2872, 0.2919

Deuteranopia

41.8998, 0.3002, 0.2951



Tritanopia

41.9063, 0.3190, 0.3121

Trichromacy



Original Color

41.7146, 0.3083, 0.2896

Protanomaly

41.7296, 0.2945, 0.2898

Deuteranomaly

42.0127, 0.3037, 0.2941

Tritanomaly

41.8740, 0.3157, 0.3044

Monochromacy



Original Color

41.7146, 0.3083, 0.2896

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.7477, 0.3116, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7146, 0.3083, 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(189, 165, 196)` looks like.

```
.text, #text, p{  
    color:rgb(189, 165, 196)  
}
```

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(189, 165, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 165, 196) }
```

Border

The CSS property to change the border of an element to Yxy 41.7146, 0.3083, 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(189, 165, 196) }
```

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

```
.border{ border-color:rgb(189, 165, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 165, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 165, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 165, 196);  
box-shadow:4px 4px 4px 4px rgb(189, 165,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7146, 0.3083, 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(189, 165, 196) }
```

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

```
.background{ background-color: rgb(189,  
165, 196) }
```

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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