

Converting Colors

$Y_{xy}(42.9913, 0.3052, 0.2861)$

Have a look what the booklet for
Yxy(42.9913, 0.3052, 0.2861)
contains.

Yxy(42.9308, 0.3058, 0.2864)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.9308, 0.3058, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	BFA7C9
RGB	191, 167, 201
RGB Percent	75%, 65%, 79%
CMY	0.2511, 0.3450, 0.2118
CMYK	0.05, 0.17, 0.00, 0.21
HSL	282°, 24%, 72%
HSV	282°, 17%, 79%
XYZ	45.8388, 42.9308, 61.1284
YIQ	178.0520, 3.3900, 15.6620

Conversions

Conversions Part 2

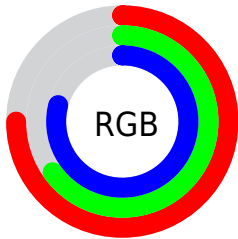
Format	Color
R _Y B	191, 167, 201
Decimal	12560329
CIE Lab	71.51, 14.91, -14.11
CIE LCh	72, 20.534, 316.580
Yxy	42.9308, 0.3058, 0.2864
Android (android.graphics.Color)	4290750409 (0xFFBFA7C9)
YUV	178.0520, 11.3134, 11.3554
Hunter-Lab	65.5216, 10.2156, -9.4495

Details

The Yxy color $42.9308, 0.3058, 0.2864$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $53.9188, 0.3184, 0.3732$, and the grayscale version is $44.4862, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.4190, 0.3094, 0.2965$, and $19.6864, 0.3030, 0.2747$ is the 20% darker color. If you saturate the color by 10%, you get $35.3759, 0.3007, 0.2596$, and if you desaturate by 10%, it is $51.6652, 0.3101, 0.3121$.

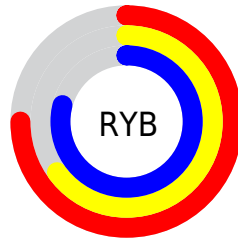
Distribution



Red (75%)

Green (65%)

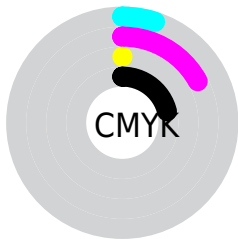
Blue (79%)



Red (75%)

Yellow (65%)

Blue (79%)

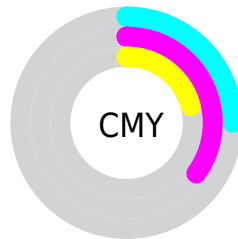


Cyan (5%)

Magenta (17%)

Yellow (0%)

Black (21%)



Cyan (25%)


Magenta (35%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9308, 0.3058, 0.2864 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 42.9308, 0.3058, 0.2864 by changing the saturation by 10% instead.


 42.9308, 0.3058,
0.2864

 42.9308, 0.3058,
0.2864


358.3271, 0.3095,
0.3073

 29.8308, 0.3048,
0.2813


 79.6064, 0.3072,
0.2939

 19.7102, 0.3034,
0.2748


 103.9509, 0.3077,
0.2968

 12.1846, 0.3016,
0.2663


132.8122, 0.3082,
0.2992

 6.8695, 0.2988,
0.2546

166.5750, 0.3085,
0.3013

 3.3806, 0.2944,
0.2377

205.6234, 0.3088,
0.3031

 1.3335, 0.2864,
0.2112

250.3420, 0.3091,

 0.1669, 0.2791,

0.3047

0.0891

301.1151, 0.3093,
0.3061

■ 0.0000, 0.0000,
0.0000

■ 42.9308, 0.3058,
0.2864

■ 42.9308, 0.3058,
0.2864

■ 35.3759, 0.3007,
0.2596

■ 51.6652, 0.3101,
0.3121

■ 28.9421, 0.2948,
0.2323

■ 61.6233, 0.3138,
0.3363

■ 23.5738, 0.2881,
0.2056

■ 72.8537, 0.3167,
0.3587

■ 19.2087, 0.2807,
0.1804

■ 85.4006, 0.3191,
0.3792

■ 15.7779, 0.2729,
0.1579

■ 91.0560, 0.3222,
0.3860

■ 13.2035, 0.2649,
0.1393

■ 92.0033, 0.3261,
0.3853

■ 11.3947, 0.2569,
0.1252

■ 92.9838, 0.3299,
0.3846

■ 10.2303, 0.2492,
0.1158

■ 93.9980, 0.3338,
0.3840

■ 9.9319, 0.2469,
0.1134

■ 95.0461, 0.3377,
0.3833

Harmonies

Analogous

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



42.9308, 0.2790, 0.2802



42.9308, 0.3058, 0.2864



42.9308, 0.3357, 0.3026

Triad

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



42.9308, 0.3058, 0.2864



42.9308, 0.3658, 0.3706



42.9308, 0.2671, 0.3300

Complementary

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



42.9308, 0.3058, 0.2864



53.9188, 0.3184, 0.3732

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.



42.9308, 0.2887, 0.3576



42.9308, 0.3058, 0.2864



42.9308, 0.3458, 0.3813

Square

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



42.9308, 0.3058, 0.2864



42.9308, 0.3713, 0.3499



42.9308, 0.3174, 0.3769



42.9308, 0.2575, 0.3037

Rectangle

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



42.9308, 0.3058, 0.2864



42.9308, 0.3532, 0.3173



42.9308, 0.3174, 0.3769



42.9308, 0.2732, 0.3396

Sweetspot

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



42.9326, 0.3058, 0.2864



91.4255, 0.3109, 0.3167



43.9637, 0.2860, 0.2976



19.3202, 0.3106, 0.3149



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.



42.9326, 0.3058, 0.2864



68.9181, 0.3042, 0.2774



43.9665, 0.3204, 0.2955



10.6532, 0.3091, 0.3059



6.2940, 0.2480, 0.1140



0.3341, 0.2637, 0.1226

Inverse Universe

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



43.2392, 0.3355, 0.3164



69.5641, 0.3411, 0.3138



53.0400, 0.3058, 0.3650



10.6877, 0.3244, 0.3222



8.0230, 0.5755, 0.2944



0.3928, 0.5146, 0.2609

Previews

White Background



This preview shows how the Yxy color 42.9308, 0.3058, 0.2864 looks on a white background.

Color Contrast Check

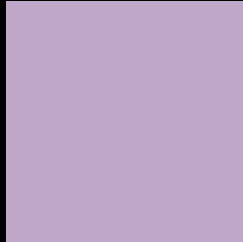
Large Text (above 18pt) WCAG AA × Fail

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 42.9308, 0.3058, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

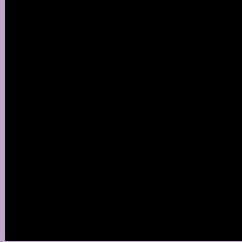
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9308, 0.3058, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 42.9308, 0.3058, 0.2864.



This preview shows how white text looks on a background with the Yxy color 42.9308, 0.3058, 0.2864.

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

42.9308, 0.3058, 0.2864

Protanopia

43.1149, 0.2845, 0.2884

Deuteranopia

42.9992, 0.2971, 0.2916



Tritanopia

42.8597, 0.3180, 0.3122

Trichromacy



Original Color

42.9308, 0.3058, 0.2864

Protanomaly

42.8326, 0.2916, 0.2865

Deuteranomaly

43.1099, 0.3005, 0.2907

Tritanomaly

42.9125, 0.3131, 0.3021

Monochromacy



Original Color

42.9308, 0.3058, 0.2864

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8846, 0.3108, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9308, 0.3058, 0.2864 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, 167, 201)` looks like.

```
.text, #text, p{  
    color:rgb(191, 167, 201)  
}
```

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, 167, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 167, 201) }
```

Border

The CSS property to change the border of an element to Yxy 42.9308, 0.3058, 0.2864 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, 167, 201) }
```

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

```
.border{ border-color:rgb(191, 167, 201) }
```

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

Here you see how a box with a 4 pixel rgb(191, 167, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 167, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 167, 201);  
box-shadow:4px 4px 4px 4px rgb(191, 167,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9308, 0.3058, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 167, 201) }
```

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

```
.background{ background-color: rgb(191,  
167, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor