

Converting Colors

$Yxy(42.9903, 0.3118, 0.2921)$

Have a look what the booklet for
Yxy(42.9903, 0.3118, 0.2921)
contains.

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Color

Yxy(42.9604, 0.3117, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	C1A7C4
RGB	193, 167, 196
RGB Percent	76%, 65%, 77%
CMY	0.2433, 0.3450, 0.2314
CMYK	0.02, 0.15, 0.00, 0.23
HSL	294°, 20%, 71%
HSV	294°, 15%, 77%
XYZ	45.7647, 42.9604, 58.0978
YIQ	178.0800, 6.1870, 14.5310

Conversions

Conversions Part 2

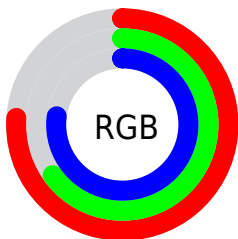
Format	Color
R_{YB}	193, 167, 196
Decimal	12691396
CIE _{Lab}	71.53, 14.62, -11.31
CIE _{LCh}	72, 18.479, 322.277
Yxy	42.9604, 0.3117, 0.2926
Android (android.graphics.Color)	4290881476 (0xFFC1A7C4)
YUV	178.0800, 8.8346, 13.0848
Hunter-Lab	65.5442, 9.9312, -6.6733

Details

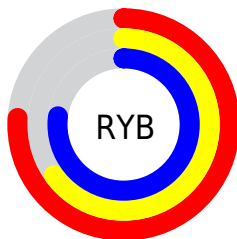
The Yxy color **42.9604, 0.3117, 0.2926** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.8187, 0.3133, 0.3677**, and the grayscale version is **44.5137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6584, 0.3121, 0.2985**, and **19.7034, 0.3111, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **36.0479, 0.3107, 0.2671**, and if you desaturate by 10%, it is **50.9686, 0.3124, 0.3175**.

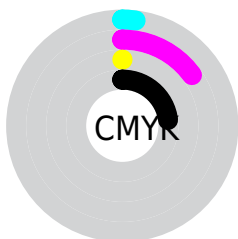
Distribution



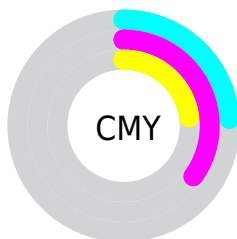
- Red (76%)
- Green (65%)
- Blue (77%)



- Red (76%)
- Yellow (65%)
- Blue (77%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9604, 0.3117, 0.2926 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 42.9604, 0.3117, 0.2926 by changing the saturation by 10% instead.


 42.9604, 0.3117,
0.2926

 42.9604, 0.3117,
0.2926

358.4489, 0.3124,
0.3106

 29.8540, 0.3115,
0.2882


 79.6511, 0.3120,
0.2991

 19.7278, 0.3111,
0.2826


 104.0042, 0.3121,
0.3015

 12.1974, 0.3106,
0.2752


132.8751, 0.3122,
0.3036

 6.8782, 0.3097,
0.2650

166.6480, 0.3123,
0.3054

 3.3861, 0.3082,
0.2502

205.7075, 0.3123,
0.3069

 1.3365, 0.3051,
0.2266

250.4379, 0.3124,

 0.1692, 0.3115,

0.3083

0.1018

301.2235, 0.3124,
0.3095

0.0000, 0.0000,
0.0000

42.9604, 0.3117,
0.2926

42.9604, 0.3117,
0.2926

36.0479, 0.3107,
0.2671

50.9686, 0.3124,
0.3175

30.1768, 0.3094,
0.2418

60.1128, 0.3130,
0.3412

25.2963, 0.3077,
0.2175

70.4379, 0.3133,
0.3636

21.3494, 0.3058,
0.1952

81.9848, 0.3134,
0.3842

18.2731, 0.3036,
0.1759

88.2332, 0.3141,
0.3936

■ 15.9965, 0.3012,
0.1603

■ 88.5240, 0.3154,
0.3933

■ 14.4379, 0.2986,
0.1491

■ 88.8186, 0.3166,
0.3931

■ 13.4978, 0.2959,
0.1422

■ 89.1170, 0.3179,
0.3928

■ 13.1507, 0.2945,
0.1396

■ 89.4194, 0.3192,
0.3926

Harmonies

Analogous

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



42.9604, 0.2864, 0.2852



42.9604, 0.3117, 0.2926



42.9604, 0.3383, 0.3087

Triad

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



42.9604, 0.3117, 0.2926



42.9604, 0.3580, 0.3693



42.9604, 0.2690, 0.3252

Complementary

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



42.9604, 0.3117, 0.2926



50.8187, 0.3133, 0.3677

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.



42.9604, 0.2868, 0.3503



42.9604, 0.3117, 0.2926



42.9604, 0.3381, 0.3763

Square

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



42.9604, 0.3117, 0.2926



42.9604, 0.3656, 0.3520



42.9604, 0.3120, 0.3695



42.9604, 0.2625, 0.3026

Rectangle

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



42.9604, 0.3117, 0.2926



42.9604, 0.3528, 0.3226



42.9604, 0.3120, 0.3695



42.9604, 0.2738, 0.3337

Sweetspot

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



42.9623, 0.3117, 0.2926



93.4617, 0.3125, 0.3192



41.1036, 0.2893, 0.2947



19.7496, 0.3124, 0.3174



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.



42.9623, 0.3117, 0.2926



73.2289, 0.3114, 0.2837



42.8782, 0.3239, 0.3064



10.1922, 0.3121, 0.3062



8.4732, 0.2949, 0.1398



0.3818, 0.3011, 0.1432

Inverse Universe

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



42.2848, 0.3372, 0.3252



71.7605, 0.3442, 0.3242



50.9126, 0.3029, 0.3527



10.0947, 0.3273, 0.3266



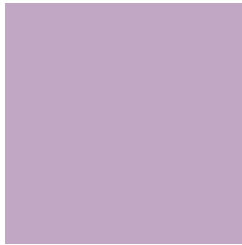
7.5807, 0.6262, 0.3223



0.3334, 0.5843, 0.2992

Previews

White Background



This preview shows how the Yxy color 42.9604, 0.3117, 0.2926 looks on a white background.

Color Contrast Check

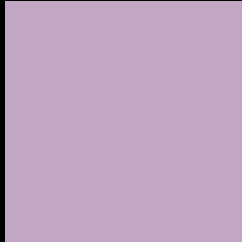
Large Text (above 18pt) WCAG AA × Fail

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 42.9604, 0.3117, 0.2926 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 42.9604, 0.3117, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 42.9604, 0.3117, 0.2926.



This preview shows how white text looks on a background with the Yxy color 42.9604, 0.3117, 0.2926.

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

42.9604, 0.3117, 0.2926

Protanopia

43.1002, 0.2897, 0.2948

Deuteranopia

43.1332, 0.3036, 0.2981



Tritanopia

42.8712, 0.3208, 0.3110

Trichromacy



Original Color

42.9604, 0.3117, 0.2926

Protanomaly

42.8330, 0.2971, 0.2928

Deuteranomaly

43.2544, 0.3071, 0.2971

Tritanomaly

42.8426, 0.3175, 0.3035

Monochromacy



Original Color

42.9604, 0.3117, 0.2926

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8422, 0.3116, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9604, 0.3117, 0.2926 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(193, 167, 196)` looks like.

```
.text, #text, p{  
    color:rgb(193, 167, 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(193, 167, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 167, 196) }
```

Border

The CSS property to change the border of an element to Yxy 42.9604, 0.3117, 0.2926 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(193, 167, 196) }
```

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

```
.border{ border-color:rgb(193, 167, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 167, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 167, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 167, 196);  
box-shadow:4px 4px 4px 4px rgb(193, 167,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9604, 0.3117, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 167, 196) }
```

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

```
.background{ background-color: rgb(193,  
167, 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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