

Converting Colors

$Y_{xy}(42.7418, 0.3122, 0.2919)$

Have a look what the booklet for
Yxy(42.7418, 0.3122, 0.2919)
contains.

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Color

Yxy(42.5954, 0.3118, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	C1A6C4
RGB	193, 166, 196
RGB Percent	76%, 65%, 77%
CMY	0.2431, 0.3490, 0.2314
CMYK	0.02, 0.15, 0.00, 0.23
HSL	294°, 20%, 71%
HSV	294°, 15%, 77%
XYZ	45.5930, 42.5954, 58.0368
YIQ	177.4930, 6.4620, 15.0540

Conversions

Conversions Part 2

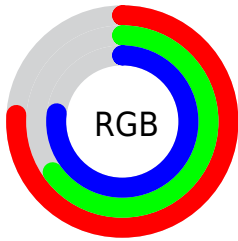
Format	Color
R_{YB}	193, 166, 196
Decimal	12691140
CIE _{Lab}	71.28, 15.20, -11.68
CIE _{LCh}	71, 19.166, 322.460
Yxy	42.5954, 0.3118, 0.2913
Android (android.graphics.Color)	4290881220 (0xFFC1A6C4)
YUV	177.4930, 9.1240, 13.5996
Hunter-Lab	65.2652, 10.4828, -7.0378

Details

The Yxy color **42.5954, 0.3118, 0.2913** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.6618, 0.3132, 0.3692**, and the grayscale version is **44.1889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1287, 0.3121, 0.2975**, and **19.4766, 0.3112, 0.2813** is the 20% darker color. If you saturate the color by 10%, you get **35.7520, 0.3109, 0.2659**, and if you desaturate by 10%, it is **50.5317, 0.3125, 0.3162**.

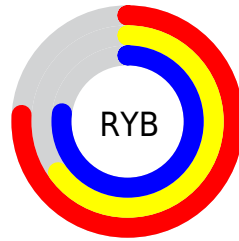
Distribution



Red (76%)

Green (65%)

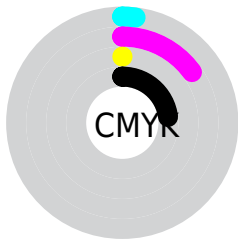
Blue (77%)



Red (76%)

Yellow (65%)

Blue (77%)

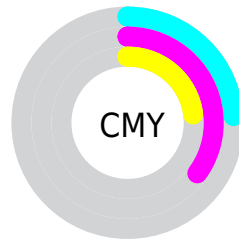


Cyan (2%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (24%)


Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5954, 0.3118, 0.2913 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 42.5954, 0.3118, 0.2913 by changing the saturation by 10% instead.


 42.5954, 0.3118,
0.2913

 42.5954, 0.3118,
0.2913


356.9452, 0.3125,
0.3099

 29.5678, 0.3116,
0.2867


 79.0999, 0.3121,
0.2980

 19.5108, 0.3112,
0.2809


 103.3457, 0.3122,
0.3005

 12.0399, 0.3107,
0.2733


132.0996, 0.3123,
0.3027

 6.7709, 0.3098,
0.2627

165.7460, 0.3123,
0.3045

 3.3192, 0.3083,
0.2473

204.6694, 0.3124,
0.3061

 1.3006, 0.3051,
0.2229

249.2541, 0.3124,

 0.1416, 0.3125,

0.3076

0.0875

299.8846, 0.3125,
0.3088

0.0000, 0.0000,
0.0000

42.5954, 0.3118,
0.2913

42.5954, 0.3118,
0.2913

35.7520, 0.3109,
0.2659

50.5317, 0.3125,
0.3162

29.9469, 0.3097,
0.2406

59.6013, 0.3129,
0.3400

25.1293, 0.3082,
0.2165

69.8492, 0.3131,
0.3624

21.2417, 0.3064,
0.1944

81.3165, 0.3132,
0.3832

18.2209, 0.3043,
0.1753

88.1663, 0.3138,
0.3936

15.9956, 0.3020,
0.1601

88.4410, 0.3150,
0.3934

14.4832, 0.2996,
0.1492

88.7192, 0.3162,
0.3932

13.5826, 0.2971,
0.1426

89.0008, 0.3174,
0.3929

13.2752, 0.2959,
0.1404

89.2859, 0.3187,
0.3927

Harmonies

Analogous

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



42.5954, 0.2855, 0.2835



42.5954, 0.3118, 0.2913



42.5954, 0.3394, 0.3081

Triad

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



42.5954, 0.3118, 0.2913



42.5954, 0.3597, 0.3709



42.5954, 0.2672, 0.3249

Complementary

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



42.5954, 0.3118, 0.2913



50.6618, 0.3132, 0.3692

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.



42.5954, 0.2856, 0.3510



42.5954, 0.3118, 0.2913



42.5954, 0.3389, 0.3782

Square

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



42.5954, 0.3118, 0.2913



42.5954, 0.3677, 0.3530



42.5954, 0.3117, 0.3711



42.5954, 0.2606, 0.3014

Rectangle

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



42.5954, 0.3118, 0.2913



42.5954, 0.3546, 0.3225



42.5954, 0.3117, 0.3711



42.5954, 0.2722, 0.3337

Sweetspot

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



42.5972, 0.3118, 0.2913



91.8937, 0.3125, 0.3168



40.4688, 0.2884, 0.2927



19.4343, 0.3124, 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.



42.5972, 0.3118, 0.2913



73.2752, 0.3116, 0.2837



42.4683, 0.3248, 0.3062



10.1950, 0.3122, 0.3062



8.5521, 0.2963, 0.1406



0.3845, 0.3021, 0.1438

Inverse Universe

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



41.8717, 0.3383, 0.3252



71.7478, 0.3444, 0.3245



50.7970, 0.3022, 0.3529



10.0938, 0.3274, 0.3267



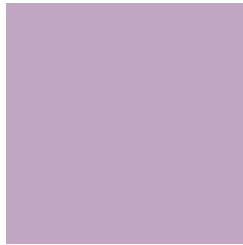
7.5781, 0.6271, 0.3228



0.3330, 0.5868, 0.3007

Previews

White Background



This preview shows how the Yxy color 42.5954, 0.3118, 0.2913 looks on a white background.

Color Contrast Check

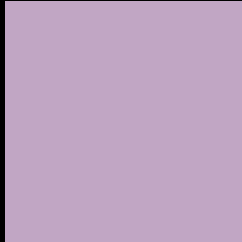
Large Text (above 18pt) WCAG AA × Fail

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 42.5954, 0.3118, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

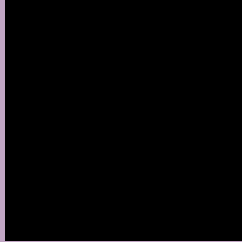
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5954, 0.3118, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 42.5954, 0.3118, 0.2913.



This preview shows how white text looks on a background with the Yxy color 42.5954, 0.3118, 0.2913.

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

42.5954, 0.3118, 0.2913

Protanopia

42.6502, 0.2881, 0.2921

Deuteranopia

42.6347, 0.3028, 0.2967



Tritanopia

42.4590, 0.3218, 0.3110

Trichromacy



Original Color

42.5954, 0.3118, 0.2913

Protanomaly

42.3379, 0.2962, 0.2913

Deuteranomaly

42.7552, 0.3063, 0.2957

Tritanomaly

42.4318, 0.3185, 0.3035

Monochromacy



Original Color

42.5954, 0.3118, 0.2913

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4151, 0.3125, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5954, 0.3118, 0.2913 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, 166, 196)` looks like.

```
.text, #text, p{  
    color:rgb(193, 166, 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, 166, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 166, 196) }
```

Border

The CSS property to change the border of an element to Yxy 42.5954, 0.3118, 0.2913 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, 166, 196) }
```

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

```
.border{ border-color:rgb(193, 166, 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, 166, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 166, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 166, 196); box-shadow:4px 4px 4px 4px rgb(193, 166, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5954, 0.3118, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 166, 196) }
```

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

```
.background{ background-color: rgb(193,  
166, 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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