

Converting Colors

$Y_{xy}(45.5051, 0.3117, 0.2920)$

Have a look what the booklet for
Yxy(45.5051, 0.3117, 0.2920)
contains.

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Color

Yxy(45.3486, 0.3118, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	C6ABC9
RGB	198, 171, 201
RGB Percent	78%, 67%, 79%
CMY	0.2236, 0.3294, 0.2118
CMYK	0.01, 0.15, 0.00, 0.21
HSL	294°, 22%, 73%
HSV	294°, 15%, 79%
XYZ	48.3905, 45.3486, 61.4581
YIQ	182.4930, 6.4620, 15.0540

Conversions

Conversions Part 2

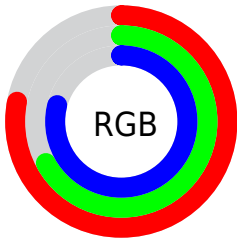
Format	Color
R _Y B	198, 171, 201
Decimal	13020105
CIE Lab	73.12, 15.11, -11.63
CIE LCh	73, 19.065, 322.411
Yxy	45.3486, 0.3118, 0.2922
Android (android.graphics.Color)	4291210185 (0xFFC6ABC9)
YUV	182.4930, 9.1240, 13.5996
Hunter-Lab	67.3414, 10.4199, -6.9711

Details

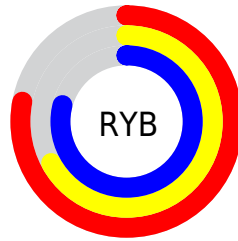
The Yxy color $45.3486, 0.3118, 0.2922$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $53.7135, 0.3132, 0.3681$, and the grayscale version is $47.0087, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8727, 0.3140, 0.3009$, and $21.2295, 0.3113, 0.2828$ is the 20% darker color. If you saturate the color by 10%, you get $38.0528, 0.3109, 0.2667$, and if you desaturate by 10%, it is $53.8066, 0.3125, 0.3171$.

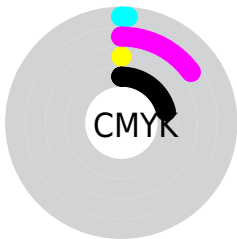
Distribution



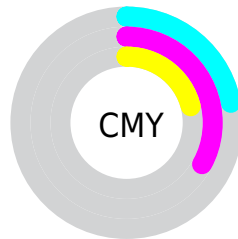
- Red (78%)
- Green (67%)
- Blue (79%)



- Red (78%)
- Yellow (67%)
- Blue (79%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)




- Cyan (22%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3486, 0.3118, 0.2922 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 45.3486, 0.3118, 0.2922 by changing the saturation by 10% instead.


 45.3486, 0.3118,
0.2922

 45.3486, 0.3118,
0.2922


368.1836, 0.3125,
0.3102

 31.7321, 0.3116,
0.2878


 83.2433, 0.3121,
0.2986

 21.1570, 0.3112,
0.2823


108.2902, 0.3122,
0.3011

 13.2388, 0.3108,
0.2751


137.9161, 0.3123,
0.3032

 7.5932, 0.3100,
0.2652

172.5054, 0.3123,
0.3050

 3.8358, 0.3086,
0.2510

212.4423, 0.3124,
0.3065

 1.5821, 0.3058,
0.2288

258.1114, 0.3124,

 0.3455, 0.3099,

0.3079

0.1536

309.8970, 0.3124,
0.3091

■ 0.0000, 0.0000,
0.0000

■ 45.3486, 0.3118,
0.2922

■ 45.3486, 0.3118,
0.2922

■ 38.0528, 0.3109,
0.2667

■ 53.8066, 0.3125,
0.3171

■ 31.8613, 0.3096,
0.2414

■ 63.4696, 0.3129,
0.3409

■ 26.7201, 0.3081,
0.2171

■ 74.3855, 0.3132,
0.3633

■ 22.5685, 0.3063,
0.1949

■ 86.5978, 0.3133,
0.3841

■ 19.3391, 0.3042,
0.1757

■ 89.1582, 0.3143,
0.3874

■ 16.9566, 0.3019,
0.1604

■ 89.4528, 0.3156,
0.3872

■ 15.3336, 0.2995,
0.1493

■ 89.7512, 0.3168,
0.3870

■ 14.3635, 0.2969,
0.1426

■ 90.0533, 0.3181,
0.3867

■ 14.0175, 0.2956,
0.1402

■ 90.3592, 0.3194,
0.3865

Harmonies

Analogous

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



45.3486, 0.2862, 0.2846



45.3486, 0.3118, 0.2922



45.3486, 0.3387, 0.3085

Triad

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



45.3486, 0.3118, 0.2922



45.3486, 0.3585, 0.3699



45.3486, 0.2684, 0.3251

Complementary

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



45.3486, 0.3118, 0.2922



53.7135, 0.3132, 0.3681

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.



45.3486, 0.2863, 0.3505



45.3486, 0.3118, 0.2922



45.3486, 0.3383, 0.3769

Square

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



45.3486, 0.3118, 0.2922



45.3486, 0.3663, 0.3524



45.3486, 0.3118, 0.3700



45.3486, 0.2619, 0.3022

Rectangle

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



45.3486, 0.3118, 0.2922



45.3486, 0.3534, 0.3226



45.3486, 0.3118, 0.3700



45.3486, 0.2732, 0.3337

Sweetspot

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



45.3506, 0.3118, 0.2922



93.4701, 0.3125, 0.3192



43.3453, 0.2890, 0.2943



19.7518, 0.3125, 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.



45.3506, 0.3118, 0.2922



73.2661, 0.3115, 0.2837



45.2430, 0.3241, 0.3062



10.7604, 0.3122, 0.3061



8.8368, 0.2960, 0.1404



0.4345, 0.3015, 0.1435

Inverse Universe

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



44.6039, 0.3376, 0.3253



71.7503, 0.3444, 0.3244



53.8291, 0.3028, 0.3530



10.6540, 0.3274, 0.3267



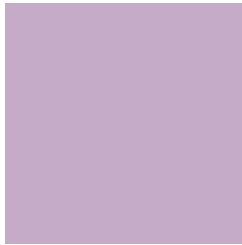
7.8463, 0.6271, 0.3228



0.3776, 0.5888, 0.3017

Previews

White Background



This preview shows how the Yxy color 45.3486, 0.3118, 0.2922 looks on a white background.

Color Contrast Check

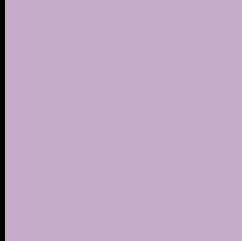
Large Text (above 18pt) WCAG AA × Fail

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 45.3486, 0.3118, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

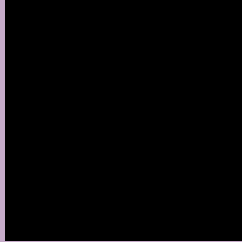
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3486, 0.3118, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 45.3486, 0.3118, 0.2922.



This preview shows how white text looks on a background with the Yxy color 45.3486, 0.3118, 0.2922.

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

45.3486, 0.3118, 0.2922

Protanopia

45.4110, 0.2887, 0.2931

Deuteranopia

45.5214, 0.3039, 0.2975



Tritanopia

45.2108, 0.3215, 0.3114

Trichromacy



Original Color

45.3486, 0.3118, 0.2922

Protanomaly

45.0869, 0.2966, 0.2923

Deuteranomaly

45.6487, 0.3073, 0.2966

Tritanomaly

45.1811, 0.3183, 0.3041

Monochromacy



Original Color

45.3486, 0.3118, 0.2922

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.2063, 0.3125, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3486, 0.3118, 0.2922 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(198, 171, 201)` looks like.

```
.text, #text, p{  
    color:rgb(198, 171, 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(198, 171, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 171, 201) }
```

Border

The CSS property to change the border of an element to Yxy 45.3486, 0.3118, 0.2922 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(198, 171, 201) }
```

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

```
.border{ border-color:rgb(198, 171, 201) }
```

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

Here you see how a box with a 4 pixel rgb(198, 171, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 171, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 171, 201);  
box-shadow:4px 4px 4px 4px rgb(198, 171,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3486, 0.3118, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 171, 201) }
```

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

```
.background{ background-color: rgb(198,  
171, 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](#).

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