

Converting Colors

$Y_{xy}(45.8810, 0.3125, 0.2970)$

Have a look what the booklet for
Yxy(45.8810, 0.3125, 0.2970)
contains.

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Color

Yxy(45.8810, 0.3125, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	C5ADC7
RGB	197, 173, 199
RGB Percent	77%, 68%, 78%
CMY	0.2274, 0.3215, 0.2197
CMYK	0.01, 0.13, 0.00, 0.22
HSL	295°, 19%, 73%
HSV	295°, 13%, 78%
XYZ	48.2755, 45.8810, 60.3250
YIQ	183.1400, 5.9580, 13.1740

Conversions

Conversions Part 2

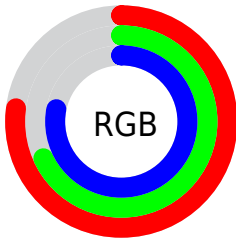
Format	Color
R _{YB}	197, 173, 199
Decimal	12955079
CIE _{Lab}	73.47, 13.29, -10.01
CIE _{LCh}	73, 16.640, 323.024
Yxy	45.8810, 0.3125, 0.2970
Android (android.graphics.Color)	4291145159 (0xFFC5ADC7)
YUV	183.1400, 7.8190, 12.1552
Hunter-Lab	67.7355, 8.6808, -5.3886

Details

The Yxy color $45.8810, 0.3125, 0.2970$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $52.9614, 0.3127, 0.3629$, and the grayscale version is $47.3890, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7776, 0.3133, 0.3028$, and $21.5587, 0.3122, 0.2892$ is the 20% darker color. If you saturate the color by 10%, you get $38.6090, 0.3121, 0.2717$, and if you desaturate by 10%, it is $54.2953, 0.3127, 0.3217$.

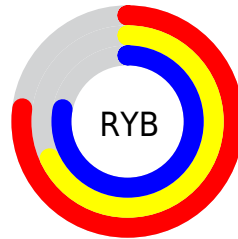
Distribution



Red (77%)

Green (68%)

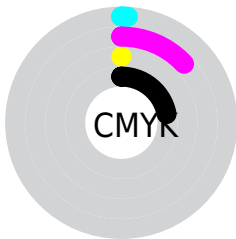
Blue (78%)



Red (77%)

Yellow (68%)

Blue (78%)

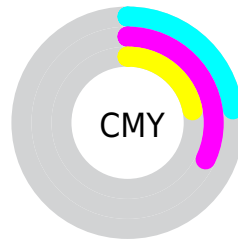


Cyan (1%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (23%)


Magenta (32%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8810, 0.3125, 0.2970 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 45.8810, 0.3125, 0.2970 by changing the saturation by 10% instead.

 45.8810, 0.3125,
0.2970

 45.8810, 0.3125,
0.2970


370.3300, 0.3128,
0.3127

 32.1519, 0.3124,
0.2932

 84.0409, 0.3126,
0.3026

 21.4776, 0.3122,
0.2884

109.2405, 0.3127,
0.3047

 13.4735, 0.3119,
0.2820


139.0324, 0.3127,
0.3066

 7.7554, 0.3115,
0.2733

173.8009, 0.3127,
0.3081

 3.9389, 0.3106,
0.2608

213.9306, 0.3127,
0.3095

 1.6394, 0.3088,
0.2410

259.8057, 0.3128,

 0.3840, 0.3135,

0.3107

0.1746

311.8107, 0.3128,
0.3117

0.0000, 0.0000,
0.0000

45.8810, 0.3125,
0.2970

45.8810, 0.3125,
0.2970

38.6090, 0.3121,
0.2717

54.2953, 0.3127,
0.3217

32.4234, 0.3115,
0.2466

63.8930, 0.3127,
0.3452

27.2723, 0.3107,
0.2224

74.7202, 0.3126,
0.3674

23.0973, 0.3096,
0.2001

86.8191, 0.3125,
0.3879

19.8342, 0.3083,
0.1808

88.5562, 0.3132,
0.3901

■ 17.4113, 0.3067,
0.1652

■ 88.7710, 0.3142,
0.3899

■ 15.7458, 0.3050,
0.1538

■ 88.9880, 0.3151,
0.3897

■ 14.7382, 0.3032,
0.1467

■ 89.2070, 0.3161,
0.3895

■ 14.2988, 0.3019,
0.1437

■ 89.4281, 0.3170,
0.3894

Harmonies

Analogous

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



45.8810, 0.2900, 0.2902



45.8810, 0.3125, 0.2970



45.8810, 0.3358, 0.3115

Triad

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



45.8810, 0.3125, 0.2970



45.8810, 0.3523, 0.3649



45.8810, 0.2738, 0.3253

Complementary

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



45.8810, 0.3125, 0.2970



52.9614, 0.3127, 0.3629

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.



45.8810, 0.2894, 0.3472



45.8810, 0.3125, 0.2970



45.8810, 0.3346, 0.3705

Square

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



45.8810, 0.3125, 0.2970



45.8810, 0.3592, 0.3500



45.8810, 0.3116, 0.3642



45.8810, 0.2683, 0.3055

Rectangle

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



45.8810, 0.3125, 0.2970



45.8810, 0.3484, 0.3240



45.8810, 0.3116, 0.3642



45.8810, 0.2780, 0.3327

Sweetspot

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



45.8830, 0.3125, 0.2970



93.5175, 0.3127, 0.3192



43.7341, 0.2922, 0.2979



19.7638, 0.3127, 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.



45.8830, 0.3125, 0.2970



76.0927, 0.3124, 0.2890



45.6657, 0.3232, 0.3102



10.7742, 0.3126, 0.3062



9.2147, 0.3021, 0.1438



0.4488, 0.3063, 0.1461

Inverse Universe

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



45.1225, 0.3346, 0.3266



74.4794, 0.3409, 0.3260



53.1713, 0.3034, 0.3486



10.6498, 0.3278, 0.3273



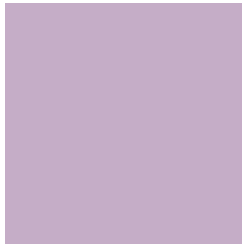
7.8351, 0.6308, 0.3248



0.3756, 0.6004, 0.3081

Previews

White Background



This preview shows how the Yxy color 45.8810, 0.3125, 0.2970 looks on a white background.

Color Contrast Check

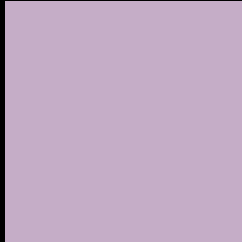
Large Text (above 18pt) WCAG AA × Fail

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 45.8810, 0.3125, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

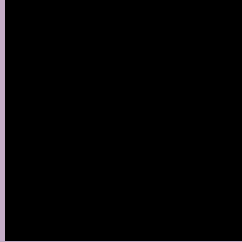
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8810, 0.3125, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 45.8810, 0.3125, 0.2970.



This preview shows how white text looks on a background with the Yxy color 45.8810, 0.3125, 0.2970.

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

45.8810, 0.3125, 0.2970

Protanopia

45.8991, 0.2926, 0.2982

Deuteranopia

46.0750, 0.3071, 0.3014



Tritanopia

45.8929, 0.3196, 0.3127

Trichromacy



Original Color

45.8810, 0.3125, 0.2970

Protanomaly

45.8989, 0.2990, 0.2974

Deuteranomaly

46.0746, 0.3097, 0.3003

Tritanomaly

45.8136, 0.3173, 0.3066

Monochromacy



Original Color

45.8810, 0.3125, 0.2970

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.6057, 0.3125, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8810, 0.3125, 0.2970 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(197, 173, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 173, 199)  
}
```

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(197, 173, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 173, 199) }
```

Border

The CSS property to change the border of an element to Yxy 45.8810, 0.3125, 0.2970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

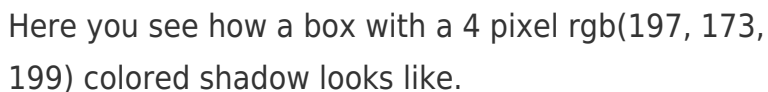
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 173, 199) }
```

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

```
.border{ border-color:rgb(197, 173, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 173, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 173, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 173, 199); box-shadow:4px 4px 4px 4px rgb(197, 173, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8810, 0.3125, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 173, 199) }
```

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

```
.background{ background-color: rgb(197,  
173, 199) }
```

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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