

Converting Colors

$Y_{xy}(25.4722, 0.3621, 0.2910)$

Have a look what the booklet for
Yxy(25.4722, 0.3621, 0.2910)
contains.

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Color

Yxy(25.5833, 0.3620, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	B97792
RGB	185, 119, 146
RGB Percent	73%, 47%, 57%
CMY	0.2745, 0.5333, 0.4275
CMYK	0.00, 0.36, 0.21, 0.27
HSL	335°, 32%, 60%
HSV	335°, 36%, 73%
XYZ	31.7925, 25.5833, 30.4488
YIQ	141.8120, 30.6690, 22.3890

Conversions

Conversions Part 2

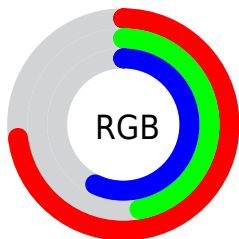
Format	Color
R _{YB}	185, 119, 146
Decimal	12154770
CIE Lab	57.64, 29.67, -3.82
CIE LCh	58, 29.916, 352.658
Yxy	25.5833, 0.3620, 0.2913
Android (android.graphics.Color)	4290344850 (0xFFB97792)
YUV	141.8120, 2.0647, 37.8759
Hunter-Lab	50.5799, 23.6830, -0.2862

Details

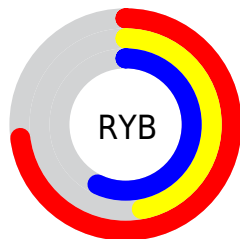
The Yxy color **25.5833, 0.3620, 0.2913** is a light color, and the websafe version is hex **996699**. A complement of this color would be **41.0922, 0.2808, 0.3706**, and the grayscale version is **26.9552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5524, 0.3514, 0.2988**, and **9.8466, 0.3782, 0.2770** is the 20% darker color. If you saturate the color by 10%, you get **21.2768, 0.3825, 0.2808**, and if you desaturate by 10%, it is **30.7819, 0.3447, 0.3023**.

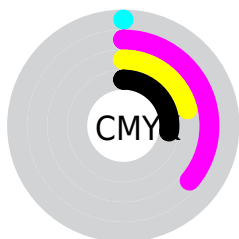
Distribution



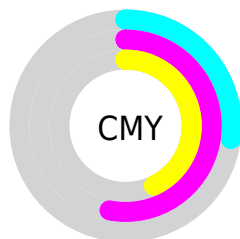
- Red (73%)
- Green (47%)
- Blue (57%)



- Red (73%)
- Yellow (47%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (27%)





- Cyan (27%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5833, 0.3620, 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 25.5833, 0.3620, 0.2913 by changing the saturation by 10% instead.


 25.5833, 0.3620,
0.2913


 25.5833, 0.3620,
0.2913


280.7305, 0.3351,
0.3116


 16.5122, 0.3695,
0.2857


 52.6019, 0.3516,
0.2991

 9.8873, 0.3798,
0.2782


 71.3182, 0.3479,
0.3018

 5.3243, 0.3945,
0.2675

 94.0184, 0.3449,
0.3042

 2.4388, 0.4174,
0.2512

121.0867, 0.3423,
0.3061

 0.8457, 0.4577,
0.2235

152.9077, 0.3401,
0.3078

 0.0000, 1.0000,
0.0000

189.8658, 0.3382,

 0.0000, 0.0000,

0.3092

0.0000

232.3452, 0.3366,
0.3105

■ 25.5833, 0.3620,
0.2913

■ 25.5833, 0.3620,
0.2913

■ 21.2768, 0.3825,
0.2808

■ 30.7819, 0.3447,
0.3023

■ 17.8080, 0.4065,
0.2714

■ 36.9158, 0.3303,
0.3131

■ 15.1220, 0.4336,
0.2643


■ 44.0296, 0.3185,
0.3234

■ 13.1558, 0.4630,
0.2608


■ 52.1642, 0.3087,
0.3331

■ 11.8365, 0.4932,
0.2619

■ 61.3579, 0.3007,
0.3421

 11.0731, 0.5221,
0.2682

 71.6471, 0.2941,
0.3504

 10.8315, 0.5343,
0.2717

 83.0666, 0.2887,
0.3580

 87.7463, 0.2834,
0.3524

 88.3928, 0.2778,
0.3403

Harmonies

Analogous

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



25.5833, 0.3102, 0.2627



25.5833, 0.3620, 0.2913



25.5833, 0.4017, 0.3290

Triad

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



25.5833, 0.3620, 0.2913



25.5833, 0.3586, 0.4215



25.5833, 0.2201, 0.2763

Complementary

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



25.5833, 0.3620, 0.2913



41.0922, 0.2808, 0.3706

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.



25.5833, 0.2306, 0.3188



25.5833, 0.3620, 0.2913



25.5833, 0.3086, 0.4102

Square

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



25.5833, 0.3620, 0.2913



25.5833, 0.3980, 0.4040



25.5833, 0.2621, 0.3702



25.5833, 0.2314, 0.2525

Rectangle

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



25.5833, 0.3620, 0.2913



25.5833, 0.4138, 0.3561



25.5833, 0.2621, 0.3702



25.5833, 0.2212, 0.2887

Sweetspot

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



25.5845, 0.3620, 0.2913



71.6168, 0.3247, 0.3178



23.9168, 0.2871, 0.2339



15.0771, 0.3263, 0.3164



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.5845, 0.3620, 0.2913



39.5037, 0.3782, 0.2828



26.1892, 0.3940, 0.3371



9.0714, 0.3226, 0.3197



7.3885, 0.5311, 0.2699



0.2728, 0.4640, 0.2330

Inverse Universe

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



25.5845, 0.3620, 0.2913



39.5037, 0.3782, 0.2828



39.8686, 0.2621, 0.3207



9.0714, 0.3226, 0.3197



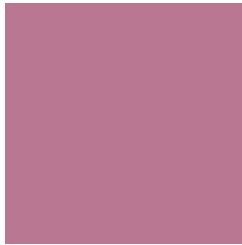
7.3885, 0.5311, 0.2699



0.2728, 0.4640, 0.2330

Previews

White Background



This preview shows how the Yxy color 25.5833, 0.3620, 0.2913 looks on a white background.

Color Contrast Check

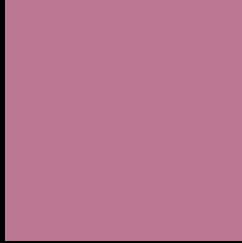
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5833, 0.3620, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

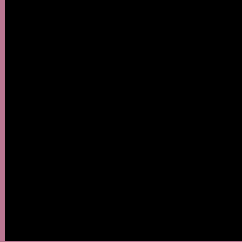
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5833, 0.3620, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 25.5833, 0.3620, 0.2913.



This preview shows how white text looks on a background with the Yxy color 25.5833, 0.3620, 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

25.5833, 0.3620, 0.2913

Protanopia

25.8798, 0.2911, 0.2965

Deuteranopia

25.7951, 0.3212, 0.3162



Tritanopia

25.6250, 0.3775, 0.3163

Trichromacy



Original Color

25.5833, 0.3620, 0.2913

Protanomaly

25.4357, 0.3144, 0.2932

Deuteranomaly

25.5007, 0.3359, 0.3061

Tritanomaly

25.6427, 0.3727, 0.3078

Monochromacy



Original Color

25.5833, 0.3620, 0.2913

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3025, 0.3304, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5833, 0.3620, 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(185, 119, 146)` looks like.

```
.text, #text, p{  
    color:rgb(185, 119, 146)  
}
```

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(185, 119, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 119, 146) }
```

Border

The CSS property to change the border of an element to Yxy 25.5833, 0.3620, 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(185, 119, 146) }
```

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

```
.border{ border-color:rgb(185, 119, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 119, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 119, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 119, 146);  
box-shadow:4px 4px 4px 4px rgb(185, 119,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5833, 0.3620, 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(185, 119, 146) }
```

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

```
.background{ background-color: rgb(185,  
119, 146) }
```

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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