

Converting Colors

$Y_{xy}(25.7172, 0.3867, 0.3091)$

Have a look what the booklet for
Yxy(25.7172, 0.3867, 0.3091)
contains.

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Color

Yxy(25.7267, 0.3861, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	BF7685
RGB	191, 118, 133
RGB Percent	75%, 46%, 52%
CMY	0.2510, 0.5372, 0.4783
CMYK	0.00, 0.38, 0.30, 0.25
HSL	348°, 36%, 61%
HSV	348°, 38%, 75%
XYZ	32.1980, 25.7267, 25.4682
YIQ	141.5370, 38.6930, 20.1410

Conversions

Conversions Part 2

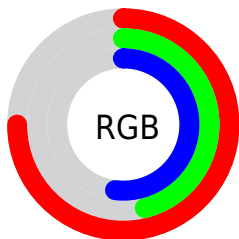
Format	Color
R_{YB}	191, 118, 133
Decimal	12547717
CIE _{Lab}	57.78, 30.55, 3.97
CIE _{LCh}	58, 30.806, 7.411
Yxy	25.7267, 0.3861, 0.3085
Android (android.graphics.Color)	4290737797 (0xFFBF7685)
YUV	141.5370, -4.2087, 43.3791
Hunter-Lab	50.7215, 24.5491, 5.7345

Details

The Yxy color **25.7267, 0.3861, 0.3085** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44.2440, 0.2693, 0.3512**, and the grayscale version is **26.8647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8107, 0.3705, 0.3131**, and **10.0086, 0.4135, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **21.2861, 0.4162, 0.3034**, and if you desaturate by 10%, it is **31.1411, 0.3611, 0.3140**.

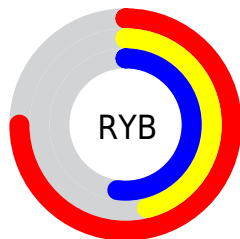
Distribution



Red (75%)

Green (46%)

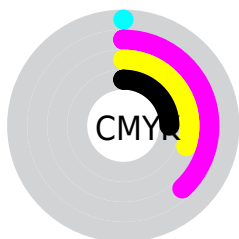
Blue (52%)



Red (75%)

Yellow (46%)

Blue (52%)

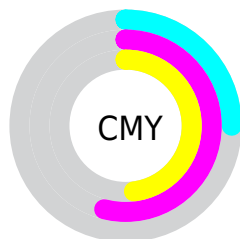


Cyan (0%)

Magenta (38%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (54%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7267, 0.3861, 0.3085 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 25.7267, 0.3861, 0.3085 by changing the saturation by 10% instead.


 25.7267, 0.3861,
0.3085


 25.7267, 0.3861,
0.3085


281.4379, 0.3456,
0.3202


 16.6193, 0.3977,
0.3050


 52.8337, 0.3704,
0.3132

 9.9634, 0.4135,
0.3001


 71.6021, 0.3648,
0.3148

 5.3747, 0.4364,
0.2927


 94.3596, 0.3602,
0.3161

 2.4688, 0.4723,
0.2806

121.4907, 0.3563,
0.3172

 0.8609, 0.5407,
0.2600

153.3796, 0.3530,
0.3181

 0.0000, 1.0000,
0.0000

190.4109, 0.3502,

 0.0000, 0.0000,

0.3189

0.0000

232.9688, 0.3478,
0.3196

■ 25.7267, 0.3861,
0.3085

■ 25.7267, 0.3861,
0.3085

■ 21.2861, 0.4162,
0.3034

■ 31.1411, 0.3611,
0.3140

■ 17.7577, 0.4515,
0.2995

■ 37.5786, 0.3406,
0.3196

■ 15.0785, 0.4909,
0.2975


■ 45.0897, 0.3240,
0.3249


■ 13.1762, 0.5318,
0.2984

■ 53.7205, 0.3105,
0.3299


■ 11.9662, 0.5701,
0.3029

■ 63.5142, 0.2996,
0.3344


 11.3167, 0.6015,
0.3103

 74.5121, 0.2907,
0.3386

 11.2240, 0.6064,
0.3114

 86.7530, 0.2835,
0.3424

 89.7754, 0.2760,
0.3296

 89.8155, 0.2757,
0.3289

Harmonies

Analogous

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



25.7267, 0.3366, 0.2739



25.7267, 0.3861, 0.3085



25.7267, 0.4147, 0.3493

Triad

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



25.7267, 0.3861, 0.3085



25.7267, 0.3349, 0.4227



25.7267, 0.2207, 0.2602

Complementary

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



25.7267, 0.3861, 0.3085



44.2440, 0.2693, 0.3512

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.



25.7267, 0.2204, 0.2949



25.7267, 0.3861, 0.3085



25.7267, 0.2836, 0.3953

Square

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



25.7267, 0.3861, 0.3085



25.7267, 0.3825, 0.4179



25.7267, 0.2424, 0.3453



25.7267, 0.2428, 0.2461

Rectangle

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



25.7267, 0.3861, 0.3085



25.7267, 0.4168, 0.3765



25.7267, 0.2424, 0.3453



25.7267, 0.2181, 0.2695

Sweetspot

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



25.7279, 0.3861, 0.3085



76.5753, 0.3285, 0.3233



25.8543, 0.3001, 0.2309



16.4019, 0.3307, 0.3226



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



25.7279, 0.3861, 0.3085



39.2029, 0.4114, 0.3041



30.7580, 0.3947, 0.3577



9.5676, 0.3257, 0.3243



7.3865, 0.6034, 0.3097



0.2989, 0.5371, 0.2732

Inverse Universe

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



25.7279, 0.3861, 0.3085



39.2029, 0.4114, 0.3041



36.4803, 0.2557, 0.2979



9.5676, 0.3257, 0.3243



7.3865, 0.6034, 0.3097



0.2989, 0.5371, 0.2732

Previews

White Background



This preview shows how the Yxy color 25.7267, 0.3861, 0.3085 looks on a white background.

Color Contrast Check

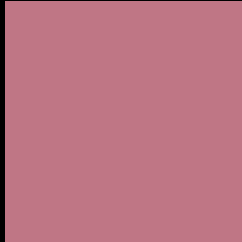
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7267, 0.3861, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

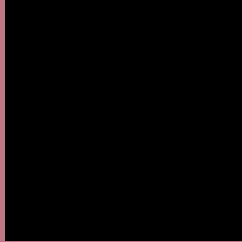
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7267, 0.3861, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 25.7267, 0.3861, 0.3085.



This preview shows how white text looks on a background with the Yxy color 25.7267, 0.3861, 0.3085.

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

25.7267, 0.3861, 0.3085

Protanopia

25.7967, 0.3078, 0.3175

Deuteranopia

25.7298, 0.3425, 0.3355



Tritanopia

25.6993, 0.3910, 0.3167

Trichromacy



Original Color

25.7267, 0.3861, 0.3085

Protanomaly

25.5266, 0.3343, 0.3134

Deuteranomaly

25.5121, 0.3585, 0.3246

Tritanomaly

25.7525, 0.3884, 0.3140

Monochromacy



Original Color

25.7267, 0.3861, 0.3085

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.1127, 0.3373, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7267, 0.3861, 0.3085 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(191, 118, 133)` looks like.

```
.text, #text, p{  
    color:rgb(191, 118, 133)  
}
```

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(191, 118, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 118, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.7267, 0.3861, 0.3085 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(191, 118, 133) }
```

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

```
.border{ border-color:rgb(191, 118, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 118, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 118, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 118, 133); box-shadow:4px 4px 4px 4px rgb(191, 118, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7267, 0.3861, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 118, 133) }
```

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

```
.background{ background-color: rgb(191,  
118, 133) }
```

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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