

Converting Colors

$Y_{xy}(25.9169, 0.3624, 0.2907)$

Have a look what the booklet for
Yxy(25.9169, 0.3624, 0.2907)
contains.

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Color

Yxy(25.8650, 0.3631, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	BB7793
RGB	187, 119, 147
RGB Percent	73%, 47%, 58%
CMY	0.2668, 0.5333, 0.4236
CMYK	0.00, 0.36, 0.21, 0.27
HSL	335°, 33%, 60%
HSV	335°, 36%, 73%
XYZ	32.3513, 25.8650, 30.8812
YIQ	142.5240, 31.5400, 23.1240

Conversions

Conversions Part 2

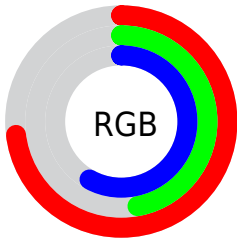
Format	Color
R _Y B	187, 119, 147
Decimal	12285843
CIE Lab	57.91, 30.53, -3.98
CIE LCh	58, 30.789, 352.582
Yxy	25.8650, 0.3631, 0.2903
Android (android.graphics.Color)	4290475923 (0xFFBB7793)
YUV	142.5240, 2.2067, 39.0055
Hunter-Lab	50.8576, 24.5456, -0.4010

Details

The Yxy color **25.8650, 0.3631, 0.2903** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.9588, 0.2804, 0.3719**, and the grayscale version is **27.2510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9552, 0.3522, 0.2979**, and **10.0248, 0.3798, 0.2758** is the 20% darker color. If you saturate the color by 10%, you get **21.5150, 0.3838, 0.2797**, and if you desaturate by 10%, it is **31.1260, 0.3457, 0.3013**.

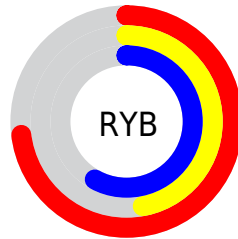
Distribution



Red (73%)

Green (47%)

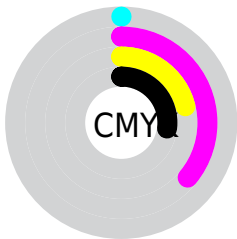
Blue (58%)



Red (73%)

Yellow (47%)

Blue (58%)

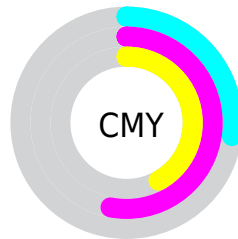


Cyan (0%)

Magenta (36%)

Yellow (21%)

Black (27%)



Cyan (27%)


Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8650, 0.3631, 0.2903 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 25.8650, 0.3631, 0.2903 by changing the saturation by 10% instead.


 25.8650, 0.3631,
0.2903

 25.8650, 0.3631,
0.2903


282.1187, 0.3357,
0.3111


 16.7227, 0.3708,
0.2846


 53.0571, 0.3526,
0.2982

 10.0370, 0.3812,
0.2769


 71.8756, 0.3488,
0.3011

 5.4235, 0.3961,
0.2661


 94.6884, 0.3457,
0.3035

 2.4978, 0.4192,
0.2497

121.8797, 0.3430,
0.3055

 0.8755, 0.4595,
0.2219

153.8340, 0.3408,
0.3072

 0.0000, 0.9531,
0.0000

190.9357, 0.3389,

 0.0000, 0.0000,

0.3087

0.0000

233.5691, 0.3372,
0.3099

■ 25.8650, 0.3631,
0.2903

■ 25.8650, 0.3631,
0.2903

■ 21.5150, 0.3838,
0.2797

■ 31.1260, 0.3457,
0.3013

■ 18.0199, 0.4079,
0.2704

■ 37.3427, 0.3312,
0.3122

■ 15.3229, 0.4350,
0.2635


■ 44.5611, 0.3192,
0.3227

■ 13.3588, 0.4644,
0.2602


■ 52.8231, 0.3093,
0.3325

■ 12.0520, 0.4944,
0.2616

■ 62.1684, 0.3012,
0.3416

 11.3036, 0.5231,
0.2682

 72.6343, 0.2946,
0.3500

 11.0968, 0.5334,
0.2712

 84.2567, 0.2891,
0.3577

 88.0816, 0.2836,
0.3507

 88.7377, 0.2781,
0.3385

Harmonies

Analogous

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



25.8650, 0.3099, 0.2612



25.8650, 0.3631, 0.2903



25.8650, 0.4039, 0.3288

Triad

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



25.8650, 0.3631, 0.2903



25.8650, 0.3597, 0.4239



25.8650, 0.2180, 0.2750

Complementary

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



25.8650, 0.3631, 0.2903



41.9588, 0.2804, 0.3719

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.



25.8650, 0.2288, 0.3186



25.8650, 0.3631, 0.2903



25.8650, 0.3085, 0.4125

Square

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



25.8650, 0.3631, 0.2903



25.8650, 0.4002, 0.4056



25.8650, 0.2609, 0.3714



25.8650, 0.2294, 0.2507

Rectangle

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



25.8650, 0.3631, 0.2903



25.8650, 0.4164, 0.3564



25.8650, 0.2609, 0.3714



25.8650, 0.2191, 0.2876

Sweetspot

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



25.8662, 0.3631, 0.2903



73.3519, 0.3247, 0.3177



24.1217, 0.2865, 0.2319



15.7688, 0.3263, 0.3163



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



25.8662, 0.3631, 0.2903



39.7095, 0.3802, 0.2814



26.4815, 0.3962, 0.3372



9.5997, 0.3226, 0.3196



7.6614, 0.5303, 0.2695



0.3131, 0.4682, 0.2353

Inverse Universe

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



25.8662, 0.3631, 0.2903



39.7095, 0.3802, 0.2814



40.6864, 0.2612, 0.3205



9.5997, 0.3226, 0.3196



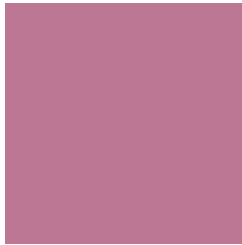
7.6614, 0.5303, 0.2695



0.3131, 0.4682, 0.2353

Previews

White Background



This preview shows how the Yxy color 25.8650, 0.3631, 0.2903 looks on a white background.

Color Contrast Check

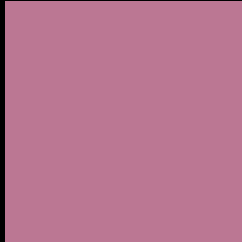
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8650, 0.3631, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

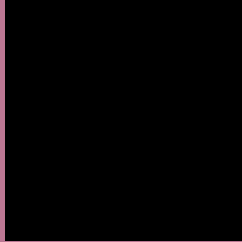
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8650, 0.3631, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 25.8650, 0.3631, 0.2903.



This preview shows how white text looks on a background with the Yxy color 25.8650, 0.3631, 0.2903.

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

25.8650, 0.3631, 0.2903

Protanopia

25.9144, 0.2902, 0.2949

Deuteranopia

25.9209, 0.3212, 0.3147



Tritanopia

25.8720, 0.3799, 0.3164

Trichromacy



Original Color

25.8650, 0.3631, 0.2903

Protanomaly

25.5677, 0.3145, 0.2918

Deuteranomaly

25.6374, 0.3359, 0.3046

Tritanomaly

25.9200, 0.3739, 0.3066

Monochromacy



Original Color

25.8650, 0.3631, 0.2903

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.4347, 0.3304, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8650, 0.3631, 0.2903 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(187, 119, 147)` looks like.

```
.text, #text, p{  
    color:rgb(187, 119, 147)  
}
```

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(187, 119, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 119, 147) }
```

Border

The CSS property to change the border of an element to Yxy 25.8650, 0.3631, 0.2903 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(187, 119, 147) }
```

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

```
.border{ border-color:rgb(187, 119, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 119, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 119, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 119, 147);  
box-shadow:4px 4px 4px 4px rgb(187, 119,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8650, 0.3631, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 119, 147) }
```

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

```
.background{ background-color: rgb(187,  
119, 147) }
```

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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