

Converting Colors

$Y_{xy}(18.8600, 0.3861, 0.2592)$

Have a look what the booklet for
Yxy(18.8600, 0.3861, 0.2592)
contains.

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Color

Yxy(18.9008, 0.3857, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	BA5689
RGB	186, 86, 137
RGB Percent	73%, 34%, 54%
CMY	0.2706, 0.6627, 0.4627
CMYK	0.00, 0.54, 0.26, 0.27
HSL	329°, 42%, 53%
HSV	329°, 54%, 73%
XYZ	28.0926, 18.9008, 25.8420
YIQ	121.7140, 43.2290, 37.0610

Conversions

Conversions Part 2

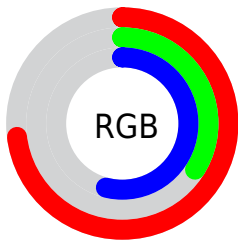
Format	Color
R _Y B	186, 86, 137
Decimal	12211849
CIE Lab	50.57, 46.12, -9.05
CIE LCh	51, 46.995, 348.896
Yxy	18.9008, 0.3857, 0.2595
Android (android.graphics.Color)	4290401929 (0xFFBA5689)
YUV	121.7140, 7.5360, 56.3788
Hunter-Lab	43.4751, 39.2615, -4.8101

Details

The Yxy color **18.9008, 0.3857, 0.2595** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **38.8423, 0.2751, 0.4147**, and the grayscale version is **19.3297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4160, 0.3697, 0.2742**, and **6.4670, 0.4150, 0.2346** is the 20% darker color. If you saturate the color by 10%, you get **16.0574, 0.4068, 0.2496**, and if you desaturate by 10%, it is **22.5409, 0.3670, 0.2716**.

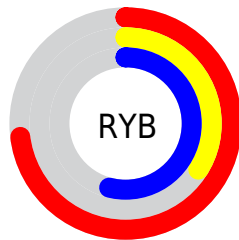
Distribution



Red (73%)

Green (34%)

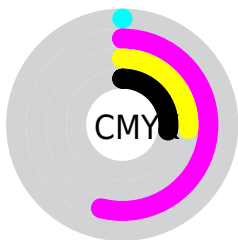
Blue (54%)



Red (73%)

Yellow (34%)

Blue (54%)

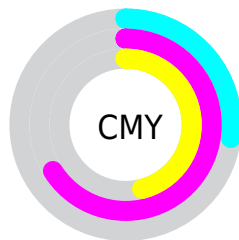


Cyan (0%)

Magenta (54%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (66%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9008, 0.3857, 0.2595 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 18.9008, 0.3857, 0.2595 by changing the saturation by 10% instead.


 18.9008, 0.3857,
0.2595


 18.9008, 0.3857,
0.2595


245.9006, 0.3448,
0.2975


 11.5986, 0.3976,
0.2488


 41.5664, 0.3696,
0.2742


 6.4710, 0.4142,
0.2343


 57.6986, 0.3640,
0.2794

 3.1335, 0.4385,
0.2136

 77.5430, 0.3594,
0.2838

 1.2018, 0.4775,
0.1821

 101.4839, 0.3555,
0.2874

 0.0632, 0.6175,
0.0316

 129.9057, 0.3522,
0.2905

 0.0000, 1.0000,
0.0000

163.1928, 0.3494,

 0.0000, 0.0000,

0.2932

0.0000

201.7296, 0.3470,
0.2955

■ 18.9008, 0.3857,
0.2595

■ 18.9008, 0.3857,
0.2595

■ 16.0574, 0.4068,
0.2496

■ 22.5409, 0.3670,
0.2716

■ 13.9460, 0.4297,
0.2430

■ 27.0300, 0.3508,
0.2848

■ 12.4965, 0.4535,
0.2410

■ 32.4194, 0.3371,
0.2984

■ 11.6232, 0.4772,
0.2443

■ 38.7554, 0.3255,
0.3117

■ 11.2625, 0.4917,
0.2482

■ 46.0810, 0.3159,
0.3244

■ 54.4369, 0.3079,
0.3364

■ 63.8610, 0.3013,
0.3475

■ 74.3896, 0.2959,
0.3578

■ 86.0573, 0.2914,
0.3672

Harmonies

Analogous

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



18.9008, 0.2946, 0.2186



18.9008, 0.3857, 0.2595



18.9008, 0.4612, 0.3150

Triad

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



18.9008, 0.3857, 0.2595



18.9008, 0.3923, 0.4860



18.9008, 0.1641, 0.2430

Complementary

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



18.9008, 0.3857, 0.2595



38.8423, 0.2751, 0.4147

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.



18.9008, 0.1818, 0.3169



18.9008, 0.3857, 0.2595



18.9008, 0.3100, 0.4842

Square

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



18.9008, 0.3857, 0.2595



18.9008, 0.4583, 0.4393



18.9008, 0.2329, 0.4144



18.9008, 0.1776, 0.2057

Rectangle

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



18.9008, 0.3857, 0.2595



18.9008, 0.4850, 0.3560



18.9008, 0.2329, 0.4144



18.9008, 0.1664, 0.2635

Sweetspot

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



18.9017, 0.3857, 0.2595



67.2072, 0.3282, 0.3084



15.2975, 0.2579, 0.1787



14.2657, 0.3305, 0.3056



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.



18.9017, 0.3857, 0.2595



28.1063, 0.4119, 0.2477



17.7942, 0.4657, 0.3272



9.0866, 0.3210, 0.3174



7.5929, 0.4889, 0.2467



0.2801, 0.4344, 0.2167

Inverse Universe

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



18.9017, 0.3857, 0.2595



28.1063, 0.4119, 0.2477



40.5680, 0.2457, 0.3314



9.0866, 0.3210, 0.3174



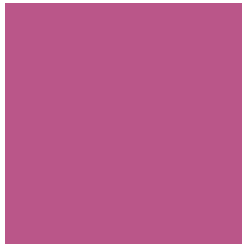
7.5929, 0.4889, 0.2467



0.2801, 0.4344, 0.2167

Previews

White Background



This preview shows how the Yxy color 18.9008, 0.3857, 0.2595 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 18.9008, 0.3857, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

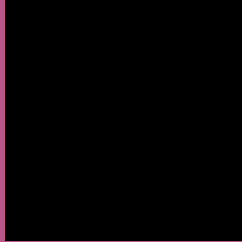
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.9008, 0.3857, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 18.9008, 0.3857, 0.2595.



This preview shows how white text looks on a background with the Yxy color 18.9008, 0.3857, 0.2595.

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

18.9008, 0.3857, 0.2595

Protanopia

19.2860, 0.2608, 0.2581

Deuteranopia

19.2120, 0.3089, 0.3037



Tritanopia

18.9928, 0.4364, 0.3209

Trichromacy



Original Color

18.9008, 0.3857, 0.2595

Protanomaly

18.3954, 0.2986, 0.2554

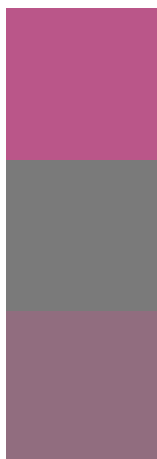
Deuteranomaly

18.4189, 0.3350, 0.2824

Tritanomaly

18.8648, 0.4190, 0.2984

Monochromacy



Original Color

18.9008, 0.3857, 0.2595

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.4893, 0.3383, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9008, 0.3857, 0.2595 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(186, 86, 137)` looks like.

```
.text, #text, p{  
    color:rgb(186, 86, 137)  
}
```

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(186, 86, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 86, 137) }
```

Border

The CSS property to change the border of an element to Yxy 18.9008, 0.3857, 0.2595 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(186, 86, 137) }
```

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

```
.border{ border-color:rgb(186, 86, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 86, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 86, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 86, 137);  
box-shadow:4px 4px 4px 4px rgb(186, 86,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9008, 0.3857, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 86, 137) }
```

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

```
.background{ background-color: rgb(186, 86,  
137) }
```

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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