

Converting Colors

$Y_{xy}(18.2197, 0.3823, 0.2581)$

Have a look what the booklet for
Yxy(18.2197, 0.3823, 0.2581)
contains.

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Color

Yxy(18.2197, 0.3823, 0.2581)

Conversions

Conversions Part 1

Format	Color
Hex	B65588
RGB	182, 85, 136
RGB Percent	71%, 33%, 53%
CMY	0.2862, 0.6667, 0.4667
CMYK	0.00, 0.53, 0.25, 0.29
HSL	328°, 40%, 52%
HSV	328°, 53%, 71%
XYZ	26.9872, 18.2197, 25.3848
YIQ	119.8170, 41.4410, 36.4250

Conversions

Conversions Part 2

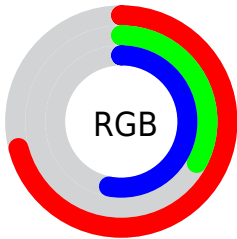
Format	Color
R_{YB}	182, 85, 136
Decimal	11949448
CIE _{Lab}	49.76, 45.18, -9.71
CIE _{LCh}	50, 46.209, 347.868
Yxy	18.2197, 0.3823, 0.2581
Android (android.graphics.Color)	4290139528 (0xFFB65588)
YUV	119.8170, 7.9782, 54.5345
Hunter-Lab	42.6845, 38.1582, -5.3809

Details

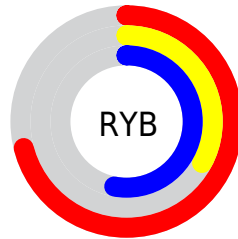
The Yxy color **18.2197, 0.3823, 0.2581** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **37.0346, 0.2763, 0.4164**, and the grayscale version is **18.6848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3763, 0.3671, 0.2734**, and **6.1405, 0.4097, 0.2329** is the 20% darker color. If you saturate the color by 10%, you get **15.4786, 0.4024, 0.2477**, and if you desaturate by 10%, it is **21.7194, 0.3644, 0.2706**.

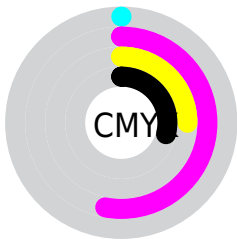
Distribution



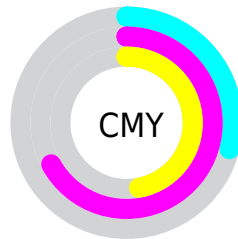
- Red (71%)
- Green (33%)
- Blue (53%)



- Red (71%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (53%)
- Yellow (25%)
- Black (29%)





- Cyan (29%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.2197, 0.3823, 0.2581 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 18.2197, 0.3823, 0.2581 by changing the saturation by 10% instead.


 18.2197, 0.3823,
0.2581


 18.2197, 0.3823,
0.2581


242.1065, 0.3432,
0.2970

 11.1078, 0.3938,
0.2471


 40.4113, 0.3669,
0.2731


 6.1394, 0.4097,
0.2322


 56.2599, 0.3615,
0.2785


 2.9300, 0.4332,
0.2108

 75.7895, 0.3571,
0.2829

 1.0953, 0.4712,
0.1780

 99.3845, 0.3534,
0.2867

 0.0000, 0.6286,
0.0000

 127.4293, 0.3503,
0.2898

 0.0000, 1.0000,
0.0000

160.3083, 0.3476,

 0.0000, 0.0000,

0.2926

0.0000

198.4059, 0.3452,
0.2949

■ 18.2197, 0.3823,
0.2581

■ 18.2197, 0.3823,
0.2581

■ 15.4786, 0.4024,
0.2477

■ 21.7194, 0.3644,
0.2706

■ 13.4352, 0.4243,
0.2406

■ 26.0272, 0.3489,
0.2842

■ 12.0236, 0.4471,
0.2380

■ 31.1912, 0.3358,
0.2981

■ 11.1636, 0.4699,
0.2406

■ 37.2553, 0.3247,
0.3118

■ 10.7863, 0.4849,
0.2445

■ 44.2602, 0.3154,
0.3248

■ 52.2440, 0.3077,
0.3371

■ 61.2429, 0.3014,
0.3485

■ 71.2911, 0.2961,
0.3591

■ 82.4212, 0.2917,
0.3687

Harmonies

Analogous

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



18.2197, 0.2918, 0.2180



18.2197, 0.3823, 0.2581



18.2197, 0.4586, 0.3130

Triad

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



18.2197, 0.3823, 0.2581



18.2197, 0.3947, 0.4844



18.2197, 0.1647, 0.2453

Complementary

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



18.2197, 0.3823, 0.2581



37.0346, 0.2763, 0.4164

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.



18.2197, 0.1835, 0.3201



18.2197, 0.3823, 0.2581



18.2197, 0.3129, 0.4846

Square

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



18.2197, 0.3823, 0.2581



18.2197, 0.4595, 0.4370



18.2197, 0.2355, 0.4172



18.2197, 0.1771, 0.2069

Rectangle

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



18.2197, 0.3823, 0.2581



18.2197, 0.4837, 0.3539



18.2197, 0.2355, 0.4172



18.2197, 0.1674, 0.2662

Sweetspot

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



18.2206, 0.3823, 0.2581



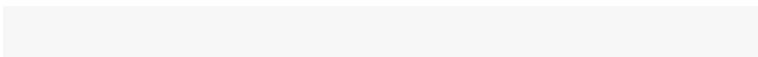
64.0945, 0.3278, 0.3078



14.6411, 0.2567, 0.1795



13.6514, 0.3300, 0.3050



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.



18.2206, 0.3823, 0.2581



27.3087, 0.4062, 0.2462



17.1515, 0.4607, 0.3250



9.0890, 0.3208, 0.3170



7.6287, 0.4824, 0.2431



0.2813, 0.4301, 0.2143

Inverse Universe

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



18.2206, 0.3823, 0.2581



27.3087, 0.4062, 0.2462



38.6415, 0.2471, 0.3339



9.0890, 0.3208, 0.3170



7.6287, 0.4824, 0.2431



0.2813, 0.4301, 0.2143

Previews

White Background



This preview shows how the Yxy color 18.2197, 0.3823, 0.2581 looks on a white background.

Color Contrast Check

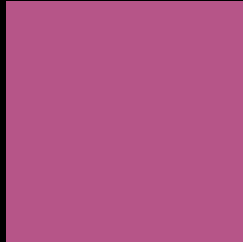
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 18.2197, 0.3823, 0.2581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

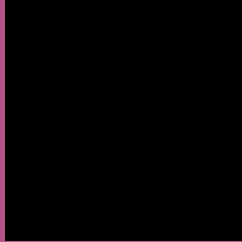
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.2197, 0.3823, 0.2581

Background



This preview shows how black text looks on a background with the Yxy color 18.2197, 0.3823, 0.2581.



This preview shows how white text looks on a background with the Yxy color 18.2197, 0.3823, 0.2581.

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

18.2197, 0.3823, 0.2581

Protanopia

18.3793, 0.2599, 0.2552

Deuteranopia

18.4894, 0.3065, 0.3014



Tritanopia

18.3133, 0.4335, 0.3207

Trichromacy



Original Color

18.2197, 0.3823, 0.2581

Protanomaly

17.4561, 0.2972, 0.2525

Deuteranomaly

17.9076, 0.3325, 0.2817

Tritanomaly

18.1855, 0.4158, 0.2977

Monochromacy



Original Color

18.2197, 0.3823, 0.2581

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

17.8614, 0.3374, 0.2961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.2197, 0.3823, 0.2581 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(182, 85, 136)` looks like.

```
.text, #text, p{  
    color:rgb(182, 85, 136)  
}
```

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(182, 85, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 85, 136) }
```

Border

The CSS property to change the border of an element to Yxy 18.2197, 0.3823, 0.2581 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(182, 85, 136) }
```

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

```
.border{ border-color:rgb(182, 85, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 85, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 85, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 85, 136);  
box-shadow:4px 4px 4px 4px rgb(182, 85,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 18.2197, 0.3823, 0.2581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 85, 136) }
```

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

```
.background{ background-color: rgb(182, 85,  
136) }
```

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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