

Converting Colors

$Y_{xy}(18.8175, 0.3717, 0.2702)$

Have a look what the booklet for
Yxy(18.8175, 0.3717, 0.2702)
contains.

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Color

Yxy(18.7253, 0.3718, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	AE5E86
RGB	174, 94, 134
RGB Percent	68%, 37%, 53%
CMY	0.3175, 0.6314, 0.4745
CMYK	0.00, 0.46, 0.23, 0.32
HSL	330°, 33%, 53%
HSV	330°, 46%, 68%
XYZ	25.7663, 18.7253, 24.8100
YIQ	122.4800, 34.8400, 29.4000

Conversions

Conversions Part 2

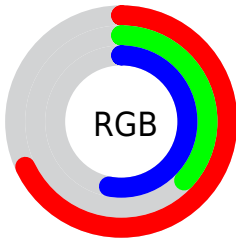
Format	Color
R_{YB}	174, 94, 134
Decimal	11427462
CIE _{Lab}	50.36, 37.55, -7.74
CIE _{LCh}	50, 38.336, 348.358
Yxy	18.7253, 0.3718, 0.2702
Android (android.graphics.Color)	4289617542 (0xFFAE5E86)
YUV	122.4800, 5.6794, 45.1830
Hunter-Lab	43.2727, 30.5589, -3.7024

Details

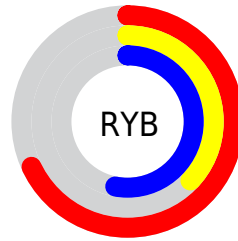
The Yxy color **18.7253, 0.3718, 0.2702** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **34.3848, 0.2786, 0.3981**, and the grayscale version is **19.5996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1345, 0.3587, 0.2826**, and **6.3634, 0.3956, 0.2490** is the 20% darker color. If you saturate the color by 10%, you get **15.7399, 0.3914, 0.2587**, and if you desaturate by 10%, it is **22.4302, 0.3548, 0.2830**.

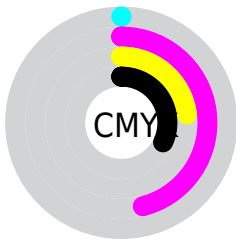
Distribution



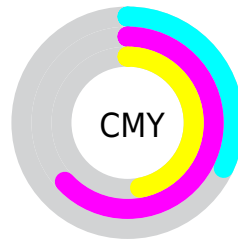
- Red (68%)
- Green (37%)
- Blue (53%)



- Red (68%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (46%)
- Yellow (23%)
- Black (32%)




- Cyan (32%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.7253, 0.3718, 0.2702 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 18.7253, 0.3718, 0.2702 by changing the saturation by 10% instead.


 18.7253, 0.3718,
0.2702


 18.7253, 0.3718,
0.2702


244.9280, 0.3385,
0.3027


 11.4720, 0.3816,
0.2609


 41.2694, 0.3587,
0.2828

 6.3852, 0.3954,
0.2482


 57.3290, 0.3541,
0.2873

 3.0807, 0.4158,
0.2297

 77.0927, 0.3503,
0.2910

 1.1740, 0.4492,
0.2007

 100.9450, 0.3471,
0.2941

 0.0403, 0.6057,
0.0254

129.2703, 0.3445,
0.2967

 0.0000, 0.0000,
0.0000

162.4530, 0.3422,

0.2990

200.8774, 0.3402,
0.3010

■ 18.7253, 0.3718,
0.2702

■ 18.7253, 0.3718,
0.2702

■ 15.7399, 0.3914,
0.2587

■ 22.4302, 0.3548,
0.2830

■ 13.4234, 0.4133,
0.2496

■ 26.8954, 0.3403,
0.2962

■ 11.7227, 0.4370,
0.2441


■ 32.1619, 0.3281,
0.3092


■ 10.5754, 0.4614,
0.2433


■ 38.2669, 0.3180,
0.3218

■ 9.9000, 0.4854,
0.2477


■ 45.2452, 0.3095,
0.3337

 9.6903, 0.4951,
0.2501

 53.1298, 0.3026,
0.3447

 61.9518, 0.2968,
0.3549

 71.7408, 0.2920,
0.3642

 82.5253, 0.2881,
0.3728

Harmonies

Analogous

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



18.7253, 0.2974, 0.2350



18.7253, 0.3718, 0.2702



18.7253, 0.4335, 0.3184

Triad

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



18.7253, 0.3718, 0.2702



18.7253, 0.3830, 0.4586



18.7253, 0.1868, 0.2599

Complementary

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



18.7253, 0.3718, 0.2702



34.3848, 0.2786, 0.3981

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.



18.7253, 0.2037, 0.3223



18.7253, 0.3718, 0.2702



18.7253, 0.3142, 0.4537

Square

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



18.7253, 0.3718, 0.2702



18.7253, 0.4363, 0.4237



18.7253, 0.2487, 0.3991



18.7253, 0.1978, 0.2259

Rectangle

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



18.7253, 0.3718, 0.2702



18.7253, 0.4542, 0.3541



18.7253, 0.2487, 0.3991



18.7253, 0.1892, 0.2778

Sweetspot

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



18.7262, 0.3718, 0.2702



60.1385, 0.3262, 0.3115



16.1290, 0.2697, 0.2025



12.8759, 0.3285, 0.3088



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



18.7262, 0.3718, 0.2702



28.5499, 0.3913, 0.2588



17.8129, 0.4342, 0.3294



8.0796, 0.3211, 0.3177



7.0377, 0.4926, 0.2487



0.2068, 0.4276, 0.2129

Inverse Universe

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



18.7262, 0.3718, 0.2702



28.5499, 0.3913, 0.2588



35.7203, 0.2522, 0.3288



8.0796, 0.3211, 0.3177



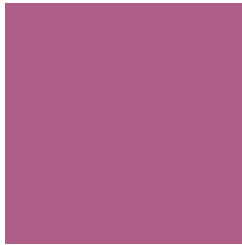
7.0377, 0.4926, 0.2487



0.2068, 0.4276, 0.2129

Previews

White Background



This preview shows how the Yxy color 18.7253, 0.3718, 0.2702 looks on a white background.

Color Contrast Check

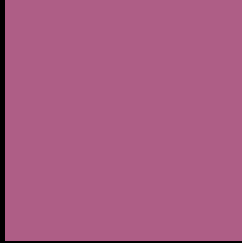
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7253, 0.3718, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

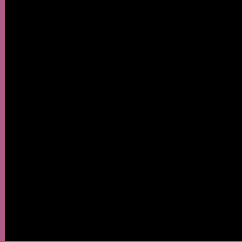
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.7253, 0.3718, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 18.7253, 0.3718, 0.2702.



This preview shows how white text looks on a background with the Yxy color 18.7253, 0.3718, 0.2702.

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

18.7253, 0.3718, 0.2702

Protanopia

18.9387, 0.2719, 0.2711

Deuteranopia

18.9235, 0.3113, 0.3054



Tritanopia

18.6431, 0.4066, 0.3171

Trichromacy



Original Color

18.7253, 0.3718, 0.2702

Protanomaly

18.3471, 0.3029, 0.2688

Deuteranomaly

18.5957, 0.3331, 0.2916

Tritanomaly

18.6044, 0.3937, 0.2989

Monochromacy



Original Color

18.7253, 0.3718, 0.2702

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.7574, 0.3336, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.7253, 0.3718, 0.2702 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(174, 94, 134)` looks like.

```
.text, #text, p{  
    color:rgb(174, 94, 134)  
}
```

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(174, 94, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 94, 134) }
```

Border

The CSS property to change the border of an element to Yxy 18.7253, 0.3718, 0.2702 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(174, 94, 134) }
```

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

```
.border{ border-color:rgb(174, 94, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 94, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 94, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 94, 134);  
box-shadow:4px 4px 4px 4px rgb(174, 94,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 18.7253, 0.3718, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 94, 134) }
```

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

```
.background{ background-color: rgb(174, 94,  
134) }
```

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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