

Converting Colors

$Y_{xy}(18.0293, 0.4160, 0.2878)$

Have a look what the booklet for
Yxy(18.0293, 0.4160, 0.2878)
contains.

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Color

Yxy(17.9838, 0.4154, 0.2872)

Conversions

Conversions Part 1

Format	Color
Hex	B75674
RGB	183, 86, 116
RGB Percent	72%, 34%, 45%
CMY	0.2823, 0.6628, 0.5451
CMYK	0.00, 0.53, 0.37, 0.28
HSL	341°, 40%, 53%
HSV	341°, 53%, 72%
XYZ	26.0114, 17.9838, 18.6225
YIQ	118.4230, 48.1820, 29.8940

Conversions

Conversions Part 2

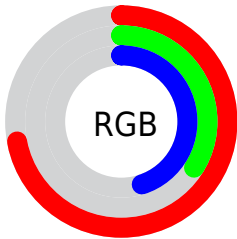
Format	Color
R_{YB}	183, 86, 116
Decimal	12015220
CIE _{Lab}	49.48, 42.40, 1.87
CIE _{LCh}	49, 42.438, 2.530
Yxy	17.9838, 0.4154, 0.2872
Android (android.graphics.Color)	4290205300 (0xFFB75674)
YUV	118.4230, -1.1945, 56.6340
Hunter-Lab	42.4073, 35.2738, 3.6489

Details

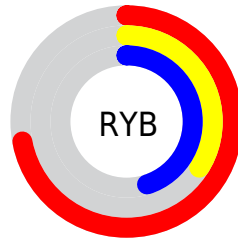
The Yxy color **17.9838, 0.4154, 0.2872** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **38.1522, 0.2632, 0.3785**, and the grayscale version is **18.2487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1696, 0.3917, 0.2973**, and **6.0734, 0.4601, 0.2695** is the 20% darker color. If you saturate the color by 10%, you get **15.1528, 0.4471, 0.2817**, and if you desaturate by 10%, it is **21.6048, 0.3878, 0.2945**.

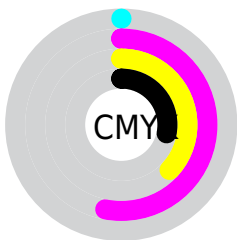
Distribution



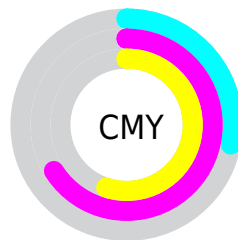
- Red (72%)
- Green (34%)
- Blue (45%)



- Red (72%)
- Yellow (34%)
- Blue (45%)



- Cyan (0%)
- Magenta (53%)
- Yellow (37%)
- Black (28%)




- Cyan (28%)
- Magenta (66%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.9838, 0.4154, 0.2872 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 17.9838, 0.4154, 0.2872 by changing the saturation by 10% instead.


 17.9838, 0.4154,
0.2872


 17.9838, 0.4154,
0.2872


240.7797, 0.3561,
0.3117


 10.9384, 0.4336,
0.2796


 40.0097, 0.3915,
0.2971


 6.0254, 0.4594,
0.2686

 55.7590, 0.3833,
0.3005

 2.8605, 0.4986,
0.2517

 75.1783, 0.3766,
0.3033

 1.0594, 0.5642,
0.2229

 98.6521, 0.3711,
0.3055

 0.0000, 1.0000,
0.0000

 126.5647, 0.3664,
0.3074

 0.0000, 0.0000,
0.0000

159.3006, 0.3625,

0.3090

197.2442, 0.3591,
0.3104

■ 17.9838, 0.4154,
0.2872

■ 17.9838, 0.4154,
0.2872

■ 15.1528, 0.4471,
0.2817

■ 21.6048, 0.3878,
0.2945

■ 13.0491, 0.4819,
0.2792

■ 26.0668, 0.3644,
0.3026

■ 11.6050, 0.5177,
0.2807

■ 31.4196, 0.3451,
0.3109

■ 10.7384, 0.5514,
0.2869

■ 37.7084, 0.3291,
0.3191

■ 10.3607, 0.5728,
0.2929

■ 44.9751, 0.3161,
0.3268

■ 53.2595, 0.3055,
0.3340

■ 62.5987, 0.2969,
0.3406

■ 73.0283, 0.2897,
0.3466

■ 84.5819, 0.2839,
0.3521

Harmonies

Analogous

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



17.9838, 0.3340, 0.2414



17.9838, 0.4154, 0.2872



17.9838, 0.4668, 0.3433

Triad

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



17.9838, 0.4154, 0.2872



17.9838, 0.3540, 0.4796



17.9838, 0.1762, 0.2300

Complementary

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



17.9838, 0.4154, 0.2872



38.1522, 0.2632, 0.3785

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.



17.9838, 0.1796, 0.2837



17.9838, 0.4154, 0.2872



17.9838, 0.2769, 0.4477

Square

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



17.9838, 0.4154, 0.2872



17.9838, 0.4241, 0.4552



17.9838, 0.2139, 0.3667



17.9838, 0.2018, 0.2082

Rectangle

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



17.9838, 0.4154, 0.2872



17.9838, 0.4732, 0.3828



17.9838, 0.2139, 0.3667



17.9838, 0.1740, 0.2441

Sweetspot

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



17.9847, 0.4154, 0.2872



63.6722, 0.3340, 0.3165



16.7778, 0.2815, 0.1898



13.5482, 0.3372, 0.3148



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.



17.9847, 0.4154, 0.2872



26.2609, 0.4540, 0.2809



20.5977, 0.4496, 0.3543



9.0567, 0.3241, 0.3220



7.2374, 0.5697, 0.2912



0.2666, 0.4946, 0.2498

Inverse Universe

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



17.9847, 0.4154, 0.2872



26.2609, 0.4540, 0.2809



32.3906, 0.2397, 0.3000



9.0567, 0.3241, 0.3220



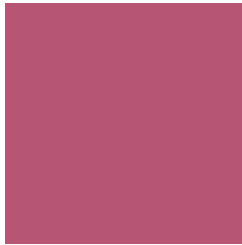
7.2374, 0.5697, 0.2912



0.2666, 0.4946, 0.2498

Previews

White Background



This preview shows how the Yxy color 17.9838, 0.4154, 0.2872 looks on a white background.

Color Contrast Check

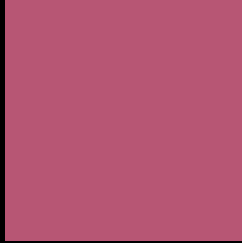
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9838, 0.4154, 0.2872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

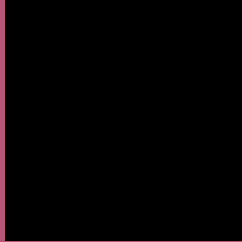
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9838, 0.4154, 0.2872

Background



This preview shows how black text looks on a background with the Yxy color 17.9838, 0.4154, 0.2872.



This preview shows how white text looks on a background with the Yxy color 17.9838, 0.4154, 0.2872.

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

17.9838, 0.4154, 0.2872

Protanopia

18.1167, 0.2900, 0.2951

Deuteranopia

18.0879, 0.3405, 0.3346



Tritanopia

17.9806, 0.4430, 0.3209

Trichromacy



Original Color

17.9838, 0.4154, 0.2872

Protanomaly

17.4420, 0.3308, 0.2905

Deuteranomaly

17.6722, 0.3675, 0.3138

Tritanomaly

18.0691, 0.4337, 0.3096

Monochromacy



Original Color

17.9838, 0.4154, 0.2872

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.3432, 0.3485, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9838, 0.4154, 0.2872 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(183, 86, 116)` looks like.

```
.text, #text, p{  
  color:rgb(183, 86, 116)  
}
```

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(183, 86, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 86, 116) }
```

Border

The CSS property to change the border of an element to Yxy 17.9838, 0.4154, 0.2872 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(183, 86, 116) }
```

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

```
.border{ border-color:rgb(183, 86, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 86, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 86, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 86, 116);  
box-shadow:4px 4px 4px 4px rgb(183, 86,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9838, 0.4154, 0.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 86, 116) }
```

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

```
.background{ background-color: rgb(183, 86,  
116) }
```

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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