

Converting Colors

$Y_{xy}(17.6683, 0.3898, 0.2868)$

Have a look what the booklet for
Yxy(17.6683, 0.3898, 0.2868)
contains.

Yxy(17.6683, 0.3898, 0.2868)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.6683, 0.3898, 0.2868)

Conversions

Conversions Part 1

Format	Color
Hex	AB5C78
RGB	171, 92, 120
RGB Percent	67%, 36%, 47%
CMY	0.3294, 0.6392, 0.5293
CMYK	0.00, 0.46, 0.30, 0.33
HSL	339°, 32%, 52%
HSV	339°, 46%, 67%
XYZ	24.0136, 17.6683, 19.9230
YIQ	118.8130, 38.0960, 25.4560

Conversions

Conversions Part 2

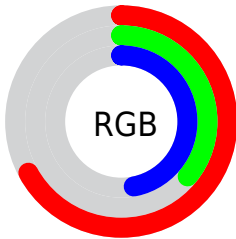
Format	Color
R _Y B	171, 92, 120
Decimal	11230328
CIE Lab	49.09, 35.52, -1.32
CIE LCh	49, 35.548, 357.877
Yxy	17.6683, 0.3898, 0.2868
Android (android.graphics.Color)	4289420408 (0xFFAB5C78)
YUV	118.8130, 0.5852, 45.7680
Hunter-Lab	42.0337, 28.4171, 1.3214

Details

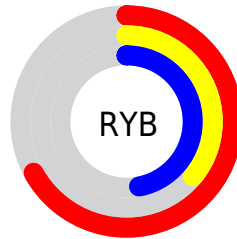
The Yxy color **17.6683, 0.3898, 0.2868** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **33.3843, 0.2705, 0.3773**, and the grayscale version is **18.3756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4191, 0.3719, 0.2967**, and **5.8368, 0.4218, 0.2676** is the 20% darker color. If you saturate the color by 10%, you get **14.7807, 0.4163, 0.2789**, and if you desaturate by 10%, it is **21.2571, 0.3671, 0.2959**.

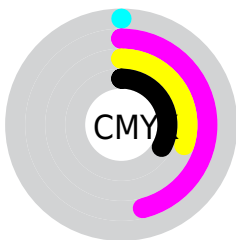
Distribution



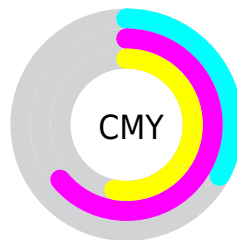
- Red (67%)
- Green (36%)
- Blue (47%)



- Red (67%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (46%)
- Yellow (30%)
- Black (33%)





- Cyan (33%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6683, 0.3898, 0.2868 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 17.6683, 0.3898, 0.2868 by changing the saturation by 10% instead.


 17.6683, 0.3898,
0.2868


 17.6683, 0.3898,
0.2868


238.9947, 0.3453,
0.3110


 10.7121, 0.4035,
0.2794


 39.4713, 0.3719,
0.2965


 5.8736, 0.4230,
0.2690

 55.0869, 0.3657,
0.2999

 2.7684, 0.4530,
0.2531

 74.3578, 0.3607,
0.3026

 1.0120, 0.5042,
0.2263

 97.6683, 0.3566,
0.3049

 0.0000, 1.0000,
0.0000

125.4028, 0.3531,
0.3068

 0.0000, 0.0000,
0.0000

157.9458, 0.3501,

0.3084

195.6817, 0.3475,
0.3098

■ 17.6683, 0.3898,
0.2868

■ 17.6683, 0.3898,
0.2868

■ 14.7807, 0.4163,
0.2789

■ 21.2571, 0.3671,
0.2959

■ 12.5452, 0.4463,
0.2731

■ 25.5870, 0.3482,
0.3054

■ 10.9103, 0.4788,
0.2708


■ 30.6975, 0.3324,
0.3148

■ 9.8154, 0.5119,
0.2729

■ 36.6251, 0.3195,
0.3237


■ 9.1793, 0.5430,
0.2798

■ 43.4034, 0.3089,
0.3321

 8.9915, 0.5544,
0.2828

 51.0647, 0.3003,
0.3399

 59.6391, 0.2931,
0.3470

 69.1555, 0.2872,
0.3536

 79.6416, 0.2824,
0.3595

Harmonies

Analogous

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



17.6683, 0.3204, 0.2483



17.6683, 0.3898, 0.2868



17.6683, 0.4386, 0.3356

Triad

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



17.6683, 0.3898, 0.2868



17.6683, 0.3601, 0.4550



17.6683, 0.1931, 0.2505

Complementary

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



17.6683, 0.3898, 0.2868



33.3843, 0.2705, 0.3773

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.



17.6683, 0.2009, 0.3018



17.6683, 0.3898, 0.2868



17.6683, 0.2937, 0.4344

Square

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



17.6683, 0.3898, 0.2868



17.6683, 0.4170, 0.4326



17.6683, 0.2359, 0.3726



17.6683, 0.2119, 0.2262

Rectangle

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



17.6683, 0.3898, 0.2868



17.6683, 0.4494, 0.3702



17.6683, 0.2359, 0.3726



17.6683, 0.1927, 0.2646

Sweetspot

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



17.6692, 0.3898, 0.2868



56.9317, 0.3297, 0.3165



16.3484, 0.2821, 0.2064



12.2268, 0.3327, 0.3146



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



17.6692, 0.3898, 0.2868



26.5751, 0.4156, 0.2790



19.0388, 0.4268, 0.3453



8.0605, 0.3233, 0.3210



6.7873, 0.5519, 0.2814



0.1994, 0.4682, 0.2353

Inverse Universe

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



17.6692, 0.3898, 0.2868



26.5751, 0.4156, 0.2790



30.5200, 0.2490, 0.3112



8.0605, 0.3233, 0.3210



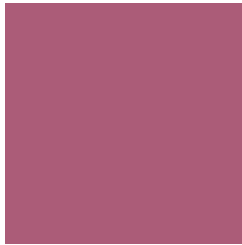
6.7873, 0.5519, 0.2814



0.1994, 0.4682, 0.2353

Previews

White Background



This preview shows how the Yxy color 17.6683, 0.3898, 0.2868 looks on a white background.

Color Contrast Check

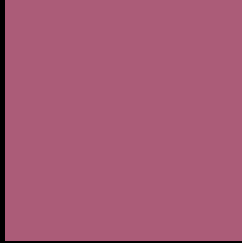
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6683, 0.3898, 0.2868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

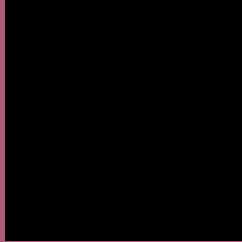
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6683, 0.3898, 0.2868

Background



This preview shows how black text looks on a background with the Yxy color 17.6683, 0.3898, 0.2868.



This preview shows how white text looks on a background with the Yxy color 17.6683, 0.3898, 0.2868.

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

17.6683, 0.3898, 0.2868

Protanopia

17.8175, 0.2887, 0.2930

Deuteranopia

17.7383, 0.3302, 0.3234



Tritanopia

17.5787, 0.4141, 0.3185

Trichromacy



Original Color

17.6683, 0.3898, 0.2868

Protanomaly

17.2780, 0.3213, 0.2880

Deuteranomaly

17.3168, 0.3516, 0.3081

Tritanomaly

17.6556, 0.4049, 0.3063

Monochromacy



Original Color

17.6683, 0.3898, 0.2868

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.6725, 0.3394, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6683, 0.3898, 0.2868 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(171, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(171, 92, 120)  
}
```

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(171, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 92, 120) }
```

Border

The CSS property to change the border of an element to Yxy 17.6683, 0.3898, 0.2868 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(171, 92, 120) }
```

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

```
.border{ border-color:rgb(171, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(171, 92,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6683, 0.3898, 0.2868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 92, 120) }
```

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

```
.background{ background-color: rgb(171, 92,  
120) }
```

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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