

Converting Colors

$Y_{xy}(17.3246, 0.4200, 0.2603)$

Have a look what the booklet for
Yxy(17.3246, 0.4200, 0.2603)
contains.

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Color

Yxy(17.3246, 0.4200, 0.2603)

Conversions

Conversions Part 1

Format	Color
Hex	C1477D
RGB	193, 71, 125
RGB Percent	76%, 28%, 49%
CMY	0.2430, 0.7217, 0.5097
CMYK	0.00, 0.63, 0.35, 0.24
HSL	333°, 50%, 52%
HSV	333°, 63%, 76%
XYZ	27.9536, 17.3246, 21.2780
YIQ	113.6340, 55.3780, 42.6580

Conversions

Conversions Part 2

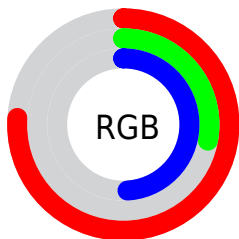
Format	Color
R_{YB}	193, 71, 125
Decimal	12666749
CIE _{Lab}	48.67, 53.77, -4.57
CIE _{LCh}	49, 53.968, 355.145
Yxy	17.3246, 0.4200, 0.2603
Android (android.graphics.Color)	4290856829 (0xFFC1477D)
YUV	113.6340, 5.6034, 69.6040
Hunter-Lab	41.6228, 47.0396, -1.1737

Details

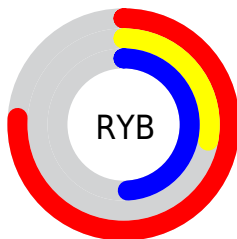
The Yxy color **17.3246, 0.4200, 0.2603** is a dark color, and the websafe version is hex **CC6699**. The color can be described as dark muted rose. A complement of this color would be **41.3553, 0.2668, 0.4190**, and the grayscale version is **16.6806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0187, 0.3952, 0.2753**, and **5.6727, 0.4648, 0.2334** is the 20% darker color. If you saturate the color by 10%, you get **14.9888, 0.4470, 0.2551**, and if you desaturate by 10%, it is **20.4715, 0.3954, 0.2688**.

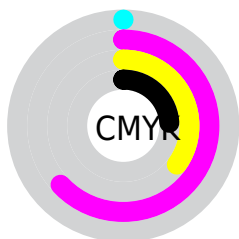
Distribution



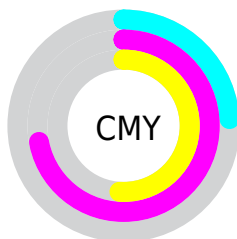
- Red (76%)
- Green (28%)
- Blue (49%)



- Red (76%)
- Yellow (28%)
- Blue (49%)



- Cyan (0%)
- Magenta (63%)
- Yellow (35%)
- Black (24%)




- Cyan (24%)
- Magenta (72%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3246, 0.4200, 0.2603 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 17.3246, 0.4200, 0.2603 by changing the saturation by 10% instead.


 17.3246, 0.4200,
0.2603


 17.3246, 0.4200,
0.2603


237.0361, 0.3586,
0.2989


 10.4662, 0.4385,
0.2490


 38.8830, 0.3955,
0.2755

 5.7091, 0.4645,
0.2334


 54.3519, 0.3870,
0.2808


 2.6690, 0.5034,
0.2106

 73.4596, 0.3800,
0.2852

 0.9615, 0.5669,
0.1747

 96.5907, 0.3743,
0.2889

 0.0000, 0.8848,
0.0000

 124.1295, 0.3694,
0.2920

 0.0000, 1.0000,
0.0000

156.4604, 0.3653,

 0.0000, 0.0000,

0.2946

0.0000

193.9678, 0.3617,
0.2969

■ 17.3246, 0.4200,
0.2603

■ 17.3246, 0.4200,
0.2603

■ 14.9888, 0.4470,
0.2551

■ 20.4715, 0.3954,
0.2688

■ 13.3837, 0.4752,
0.2544

■ 24.4944, 0.3737,
0.2794

■ 12.4167, 0.5028,
0.2590

■ 29.4549, 0.3551,
0.2910

■ 12.0047, 0.5208,
0.2643

■ 35.4080, 0.3395,
0.3029

■ 42.4044, 0.3265,
0.3145

■ 50.4916, 0.3158,
0.3256

■ 59.7138, 0.3069,
0.3359

■ 70.1131, 0.2996,
0.3455

■ 81.7291, 0.2936,
0.3544

Harmonies

Analogous

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



17.3246, 0.3118, 0.2108



17.3246, 0.4200, 0.2603



17.3246, 0.4996, 0.3238

Triad

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



17.3246, 0.4200, 0.2603



17.3246, 0.3811, 0.5187



17.3246, 0.1441, 0.2156

Complementary

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



17.3246, 0.4200, 0.2603



41.3553, 0.2668, 0.4190

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.



17.3246, 0.1549, 0.2906



17.3246, 0.4200, 0.2603



17.3246, 0.2860, 0.5056

Square

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



17.3246, 0.4200, 0.2603



17.3246, 0.4644, 0.4653



17.3246, 0.2031, 0.4065



17.3246, 0.1659, 0.1835

Rectangle

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



17.3246, 0.4200, 0.2603



17.3246, 0.5161, 0.3698



17.3246, 0.2031, 0.4065



17.3246, 0.1440, 0.2353

Sweetspot

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



17.3255, 0.4200, 0.2603



68.0951, 0.3341, 0.3075



13.7668, 0.2540, 0.1563



13.8634, 0.3380, 0.3041



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



17.3255, 0.4200, 0.2603



25.5505, 0.4581, 0.2542



17.1143, 0.5077, 0.3368



10.1503, 0.3221, 0.3188



7.9974, 0.5177, 0.2625



0.3594, 0.4628, 0.2323

Inverse Universe

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



17.3255, 0.4200, 0.2603



25.5505, 0.4581, 0.2542



40.6998, 0.2353, 0.3194



10.1503, 0.3221, 0.3188



7.9974, 0.5177, 0.2625



0.3594, 0.4628, 0.2323

Previews

White Background



This preview shows how the Yxy color 17.3246, 0.4200, 0.2603 looks on a white background.

Color Contrast Check

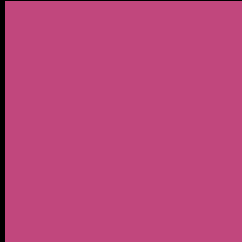
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3246, 0.4200, 0.2603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

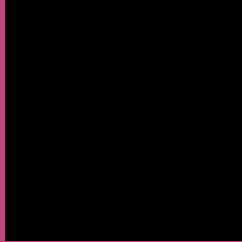
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3246, 0.4200, 0.2603

Background



This preview shows how black text looks on a background with the Yxy color 17.3246, 0.4200, 0.2603.



This preview shows how white text looks on a background with the Yxy color 17.3246, 0.4200, 0.2603.

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

17.3246, 0.4200, 0.2603

Protanopia

17.6587, 0.2610, 0.2574

Deuteranopia

17.5778, 0.3225, 0.3177



Tritanopia

17.3403, 0.4797, 0.3231

Trichromacy



Original Color

17.3246, 0.4200, 0.2603

Protanomaly

16.3101, 0.3095, 0.2537

Deuteranomaly

16.5999, 0.3565, 0.2901

Tritanomaly

17.3042, 0.4579, 0.2997

Monochromacy



Original Color

17.3246, 0.4200, 0.2603

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

15.8830, 0.3509, 0.2938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3246, 0.4200, 0.2603 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(193, 71, 125)` looks like.

```
.text, #text, p{  
    color:rgb(193, 71, 125)  
}
```

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(193, 71, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 71, 125) }
```

Border

The CSS property to change the border of an element to Yxy 17.3246, 0.4200, 0.2603 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(193, 71, 125) }
```

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

```
.border{ border-color:rgb(193, 71, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 71, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 71, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 71, 125); box-shadow:4px 4px 4px 4px rgb(193, 71, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3246, 0.4200, 0.2603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 71, 125) }
```

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

```
.background{ background-color: rgb(193, 71,  
125) }
```

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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