

Converting Colors

$Y_{xy}(17.9791, 0.4273, 0.2743)$

Have a look what the booklet for
Yxy(17.9791, 0.4273, 0.2743)
contains.

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Color

Yxy(17.9771, 0.4278, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	C14D77
RGB	193, 77, 119
RGB Percent	76%, 30%, 47%
CMY	0.2431, 0.6980, 0.5334
CMYK	0.00, 0.60, 0.38, 0.24
HSL	338°, 48%, 53%
HSV	338°, 60%, 76%
XYZ	27.9760, 17.9771, 19.4419
YIQ	116.4720, 55.6540, 37.6540

Conversions

Conversions Part 2

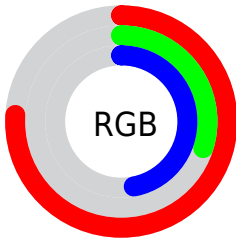
Format	Color
RYB	193, 77, 119
Decimal	12668279
CIELab	49.47, 50.41, 0.25
CIELCh	49, 50.407, 0.289
Yxy	17.9771, 0.4278, 0.2749
Android (android.graphics.Color)	4290858359 (0xFFC14D77)
YUV	116.4720, 1.2463, 67.1151
Hunter-Lab	42.3994, 43.5790, 2.4926

Details

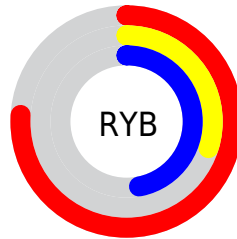
The Yxy color **17.9771, 0.4278, 0.2749** is a dark color, and the websafe version is hex **CC6699**. The color can be described as dark muted rose. A complement of this color would be **41.9556, 0.2625, 0.3973**, and the grayscale version is **17.6012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0555, 0.4017, 0.2875**, and **6.0067, 0.4748, 0.2518** is the 20% darker color. If you saturate the color by 10%, you get **15.3890, 0.4590, 0.2703**, and if you desaturate by 10%, it is **21.4065, 0.3998, 0.2823**.

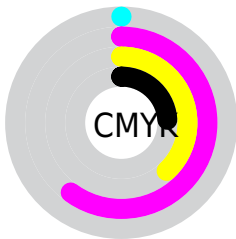
Distribution



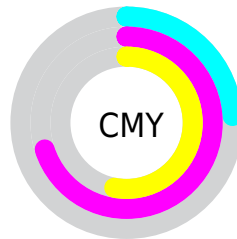
- Red (76%)
- Green (30%)
- Blue (47%)



- Red (76%)
- Yellow (30%)
- Blue (47%)



- Cyan (0%)
- Magenta (60%)
- Yellow (38%)
- Black (24%)



- Cyan (24%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9771, 0.4278, 0.2749 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 17.9771, 0.4278, 0.2749 by changing the saturation by 10% instead.


 17.9771, 0.4278,
0.2749

 17.9771, 0.4278,
0.2749


240.7419, 0.3616,
0.3061


 10.9335, 0.4479,
0.2654


 39.9983, 0.4013,
0.2874


 6.0222, 0.4761,
0.2521

 55.7447, 0.3921,
0.2917

 2.8586, 0.5185,
0.2320

 75.1609, 0.3847,
0.2952

 1.0583, 0.5879,
0.1991

 98.6313, 0.3785,
0.2981

 0.0000, 1.0000,
0.0000

 126.5401, 0.3733,
0.3006

 0.0000, 0.0000,
0.0000

159.2719, 0.3688,

0.3027

197.2111, 0.3650,
0.3045

■ 17.9771, 0.4278,
0.2749

■ 17.9771, 0.4278,
0.2749

■ 15.3890, 0.4590,
0.2703

■ 21.4065, 0.3998,
0.2823

■ 13.5648, 0.4919,
0.2697

■ 25.7401, 0.3756,
0.2912

■ 12.4171, 0.5243,
0.2741

■ 31.0380, 0.3552,
0.3009

■ 11.7783, 0.5539,
0.2825

■ 37.3541, 0.3382,
0.3106

■ 44.7386, 0.3243,
0.3200

■ 53.2382, 0.3128,
0.3289

■ 62.8967, 0.3035,
0.3372

■ 73.7558, 0.2958,
0.3448

■ 85.8548, 0.2895,
0.3517

Harmonies

Analogous

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



17.9771, 0.3293, 0.2248



17.9771, 0.4278, 0.2749



17.9771, 0.4925, 0.3369

Triad

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



17.9771, 0.4278, 0.2749



17.9771, 0.3637, 0.5080



17.9771, 0.1554, 0.2160

Complementary

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



17.9771, 0.4278, 0.2749



41.9556, 0.2625, 0.3973

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.



17.9771, 0.1607, 0.2795



17.9771, 0.4278, 0.2749



17.9771, 0.2746, 0.4791

Square

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



17.9771, 0.4278, 0.2749



17.9771, 0.4445, 0.4689



17.9771, 0.2008, 0.3813



17.9771, 0.1816, 0.1905

Rectangle

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



17.9771, 0.4278, 0.2749



17.9771, 0.5012, 0.3813



17.9771, 0.2008, 0.3813



17.9771, 0.1536, 0.2325

Sweetspot

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



17.9780, 0.4278, 0.2749



69.1598, 0.3355, 0.3124



15.6878, 0.2688, 0.1690



14.0612, 0.3400, 0.3095



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.



17.9780, 0.4278, 0.2749



26.4339, 0.4688, 0.2697



19.6103, 0.4841, 0.3490



10.1368, 0.3233, 0.3207



7.8476, 0.5505, 0.2806



0.3523, 0.4885, 0.2465

Inverse Universe

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



17.9780, 0.4278, 0.2749



26.4339, 0.4688, 0.2697



37.0859, 0.2343, 0.3047



10.1368, 0.3233, 0.3207



7.8476, 0.5505, 0.2806



0.3523, 0.4885, 0.2465

Previews

White Background



This preview shows how the Yxy color 17.9771, 0.4278, 0.2749 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 17.9771, 0.4278, 0.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

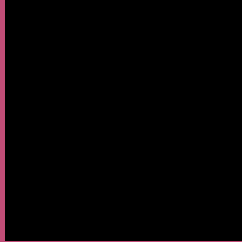
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9771, 0.4278, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 17.9771, 0.4278, 0.2749.



This preview shows how white text looks on a background with the Yxy color 17.9771, 0.4278, 0.2749.

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

17.9771, 0.4278, 0.2749

Protanopia

18.1809, 0.2773, 0.2788

Deuteranopia

18.0522, 0.3365, 0.3309



Tritanopia

17.9841, 0.4720, 0.3217

Trichromacy



Original Color

17.9771, 0.4278, 0.2749

Protanomaly

16.9147, 0.3236, 0.2722

Deuteranomaly

17.4152, 0.3700, 0.3057

Tritanomaly

18.0114, 0.4565, 0.3047

Monochromacy



Original Color

17.9771, 0.4278, 0.2749

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.7164, 0.3525, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9771, 0.4278, 0.2749 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, 77, 119)` looks like.

```
.text, #text, p{  
    color:rgb(193, 77, 119)  
}
```

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, 77, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 77, 119) }
```

Border

The CSS property to change the border of an element to Yxy 17.9771, 0.4278, 0.2749 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, 77, 119) }
```

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

```
.border{ border-color:rgb(193, 77, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 77, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 77, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 77, 119);  
box-shadow:4px 4px 4px 4px rgb(193, 77,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9771, 0.4278, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 77, 119) }
```

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

```
.background{ background-color: rgb(193, 77,  
119) }
```

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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