

Converting Colors

$Y_{xy}(19.5786, 0.4801, 0.2980)$

Have a look what the booklet for
Yxy(19.5786, 0.4801, 0.2980)
contains.

Yxy(19.7058, 0.4796, 0.2980)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.7058, 0.4796, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	D34A66
RGB	211, 74, 102
RGB Percent	83%, 29%, 40%
CMY	0.1725, 0.7098, 0.5999
CMYK	0.00, 0.65, 0.52, 0.17
HSL	348°, 61%, 56%
HSV	348°, 65%, 83%
XYZ	31.7144, 19.7058, 14.7066
YIQ	118.1550, 72.6640, 37.7520

Conversions

Conversions Part 2

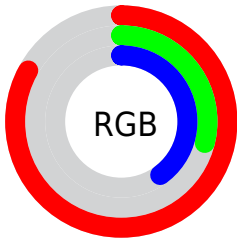
Format	Color
RYB	211, 74, 102
Decimal	13847142
CIELab	51.50, 55.84, 13.77
CIELCh	52, 57.509, 13.852
Yxy	19.7058, 0.4796, 0.2980
Android (android.graphics.Color)	4292037222 (0xFFD34A66)
YUV	118.1550, -7.9644, 81.4251
Hunter-Lab	44.3912, 49.8412, 11.4313

Details

The Yxy color **19.7058, 0.4796, 0.2980** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **51.4687, 0.2493, 0.3702**, and the grayscale version is **18.1761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5252, 0.4249, 0.3055**, and **6.8865, 0.5453, 0.2784** is the 20% darker color. If you saturate the color by 10%, you get **17.0466, 0.5208, 0.2980**, and if you desaturate by 10%, it is **23.3792, 0.4409, 0.3007**.

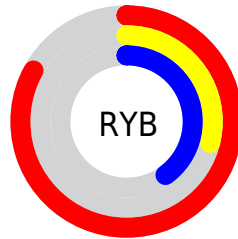
Distribution



Red (83%)

Green (29%)

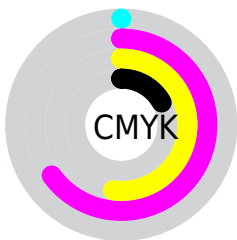
Blue (40%)



Red (83%)

Yellow (29%)

Blue (40%)

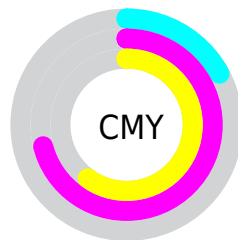


Cyan (0%)

Magenta (65%)

Yellow (52%)

Black (17%)



Cyan (17%)


Magenta (71%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.7058, 0.4796, 0.2980 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 19.7058, 0.4796, 0.2980 by changing the saturation by 10% instead.


 19.7058, 0.4796,
0.2980


 19.7058, 0.4796,
0.2980


250.3180, 0.3842,
0.3188


 12.1814, 0.5077,
0.2904


 42.9234, 0.4418,
0.3072


 6.8673, 0.5464,
0.2788


 59.3853, 0.4286,
0.3101


 3.3793, 0.6019,
0.2600

 79.5952, 0.4177,
0.3124

 1.3328, 0.6965,
0.2302

 103.9375, 0.4087,
0.3142

 0.1664, 0.9118,
0.0882

 132.7965, 0.4012,
0.3157

 0.0000, 1.0000,
0.0000

166.5566, 0.3947,

 0.0000, 0.0000,

0.3169

0.0000

205.6023, 0.3890,
0.3180

■ 19.7058, 0.4796,
0.2980

■ 19.7058, 0.4796,
0.2980

■ 17.0466, 0.5208,
0.2980

■ 23.3792, 0.4409,
0.3007

■ 15.2953, 0.5606,
0.3015

■ 28.1523, 0.4068,
0.3050

■ 14.3279, 0.5942,
0.3085

■ 34.1056, 0.3780,
0.3103

■ 14.0263, 0.6081,
0.3124

■ 41.3107, 0.3543,
0.3158

■ 49.8339, 0.3349,
0.3213

■ 59.7365, 0.3193,
0.3266

■ 71.0762, 0.3066,
0.3314

■ 83.9072, 0.2964,
0.3359

■ 92.4681, 0.2876,
0.3309

Harmonies

Analogous

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



19.7058, 0.3809, 0.2379



19.7058, 0.4796, 0.2980



19.7058, 0.5198, 0.3667

Triad

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



19.7058, 0.4796, 0.2980



19.7058, 0.3214, 0.5259



19.7058, 0.1515, 0.1889

Complementary

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



19.7058, 0.4796, 0.2980



51.4687, 0.2493, 0.3702

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.



19.7058, 0.1416, 0.2363



19.7058, 0.4796, 0.2980



19.7058, 0.2293, 0.4537

Square

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



19.7058, 0.4796, 0.2980



19.7058, 0.4161, 0.5063



19.7058, 0.1658, 0.3306



19.7058, 0.1943, 0.1779

Rectangle

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



19.7058, 0.4796, 0.2980



19.7058, 0.5070, 0.4152



19.7058, 0.1658, 0.3306



19.7058, 0.1447, 0.2001

Sweetspot

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



19.7069, 0.4796, 0.2980



70.6496, 0.3427, 0.3190



19.4634, 0.2863, 0.1672



14.3217, 0.3484, 0.3174



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



19.7069, 0.4796, 0.2980



24.9570, 0.5368, 0.2990



26.1140, 0.4867, 0.3740



11.8472, 0.3259, 0.3243



8.4757, 0.6048, 0.3105



0.4856, 0.5533, 0.2822

Inverse Universe

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



19.7069, 0.4796, 0.2980



24.9570, 0.5368, 0.2990



35.7368, 0.2224, 0.2705



11.8472, 0.3259, 0.3243



8.4757, 0.6048, 0.3105



0.4856, 0.5533, 0.2822

Previews

White Background



This preview shows how the Yxy color 19.7058, 0.4796, 0.2980 looks on a white background.

Color Contrast Check

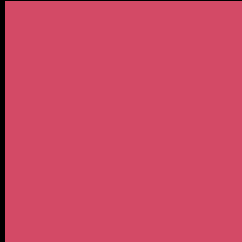
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7058, 0.4796, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

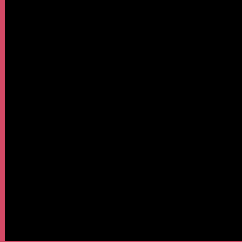
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.7058, 0.4796, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 19.7058, 0.4796, 0.2980.



This preview shows how white text looks on a background with the Yxy color 19.7058, 0.4796, 0.2980.

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

19.7058, 0.4796, 0.2980

Protanopia

19.9833, 0.3094, 0.3216

Deuteranopia

19.8028, 0.3772, 0.3694



Tritanopia

19.7596, 0.5074, 0.3252

Trichromacy



Original Color

19.7058, 0.4796, 0.2980

Protanomaly

18.4791, 0.3669, 0.3077

Deuteranomaly

18.8196, 0.4157, 0.3355

Tritanomaly

19.7307, 0.4974, 0.3162

Monochromacy



Original Color

19.7058, 0.4796, 0.2980

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.3480, 0.3712, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7058, 0.4796, 0.2980 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(211, 74, 102)` looks like.

```
.text, #text, p{  
  color:rgb(211, 74, 102)  
}
```

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(211, 74, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 74, 102) }
```

Border

The CSS property to change the border of an element to Yxy 19.7058, 0.4796, 0.2980 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(211, 74, 102) }
```

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

```
.border{ border-color:rgb(211, 74, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 74, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 74, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 74, 102);  
box-shadow:4px 4px 4px 4px rgb(211, 74,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7058, 0.4796, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 74, 102) }
```

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

```
.background{ background-color: rgb(211, 74,  
102) }
```

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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