

Converting Colors

$Yxy(47.9201, 0.3119, 0.3103)$

Have a look what the booklet for
Yxy(47.9201, 0.3119, 0.3103)
contains.

Yxy(47.9201, 0.3119, 0.3103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.9201, 0.3119, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	C1B4C3
RGB	193, 180, 195
RGB Percent	76%, 71%, 76%
CMY	0.2431, 0.2941, 0.2353
CMYK	0.01, 0.08, 0.00, 0.24
HSL	292°, 11%, 74%
HSV	292°, 8%, 76%
XYZ	48.1672, 47.9201, 58.3442
YIQ	185.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

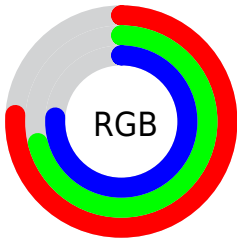
Format	Color
R _Y B	193, 180, 195
Decimal	12694723
CIE Lab	74.77, 7.36, -5.94
CIE LCh	75, 9.460, 321.119
Yxy	47.9201, 0.3119, 0.3103
Android (android.graphics.Color)	4290884803 (0xFFC1B4C3)
YUV	185.5970, 4.6357, 6.4924
Hunter-Lab	69.2243, 3.0600, -1.5142

Details

The Yxy color **47.9201, 0.3119, 0.3103** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2727, 0.3134, 0.3482**, and the grayscale version is **48.8403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1589, 0.3115, 0.3134**, and **22.5908, 0.3115, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **40.2576, 0.3106, 0.2851**, and if you desaturate by 10%, it is **56.7004, 0.3129, 0.3344**.

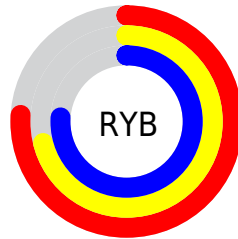
Distribution



Red (76%)

Green (71%)

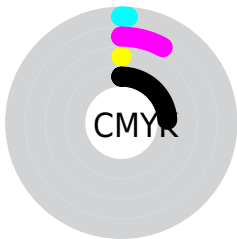
Blue (76%)



Red (76%)

Yellow (71%)

Blue (76%)

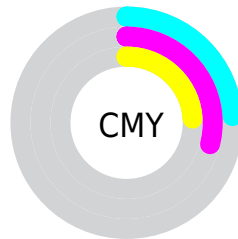


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (29%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9201, 0.3119, 0.3103 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 47.9201, 0.3119, 0.3103 by changing the saturation by 10% instead.


 47.9201, 0.3119,
0.3103

 47.9201, 0.3119,
0.3103


378.4753, 0.3124,
0.3195

 33.7636, 0.3118,
0.3081


 87.0854, 0.3121,
0.3136

 22.7121, 0.3116,
0.3052


112.8631, 0.3121,
0.3149

 14.3810, 0.3113,
0.3014


143.2832, 0.3122,
0.3159

 8.3862, 0.3110,
0.2963

178.7303, 0.3122,
0.3168

 4.3430, 0.3104,
0.2887

219.5886, 0.3123,
0.3176

 1.8672, 0.3092,
0.2767

266.2426, 0.3123,

 0.5286, 0.3098,

0.3183

0.2401

319.0767, 0.3123,
0.3189

■ 0.0000, 0.0000,
0.0000

■ 47.9201, 0.3119,
0.3103

■ 47.9201, 0.3119,
0.3103

■ 40.2576, 0.3106,
0.2851

■ 56.7004, 0.3129,
0.3344

■ 33.6606, 0.3089,
0.2594

■ 66.6356, 0.3137,
0.3572

■ 28.0820, 0.3068,
0.2340

■ 77.7688, 0.3142,
0.3782

■ 23.4687, 0.3043,
0.2097

■ 88.2085, 0.3147,
0.3947

■ 19.7626, 0.3015,
0.1877

■ 88.5758, 0.3163,
0.3943

■ 16.8996, 0.2984,
0.1688

■ 88.9491, 0.3180,
0.3940

■ 14.8069, 0.2951,
0.1539

■ 89.3286, 0.3196,
0.3937

■ 13.3996, 0.2917,
0.1434

■ 89.7142, 0.3212,
0.3934

■ 12.5535, 0.2883,
0.1370

■ 90.1060, 0.3229,
0.3930

Harmonies

Analogous

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



47.9201, 0.2993, 0.3068



47.9201, 0.3119, 0.3103



47.9201, 0.3249, 0.3185

Triad

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



47.9201, 0.3119, 0.3103



47.9201, 0.3353, 0.3489



47.9201, 0.2911, 0.3280

Complementary

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



47.9201, 0.3119, 0.3103



52.2727, 0.3134, 0.3482

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.



47.9201, 0.3004, 0.3398



47.9201, 0.3119, 0.3103



47.9201, 0.3259, 0.3520

Square

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



47.9201, 0.3119, 0.3103



47.9201, 0.3386, 0.3405



47.9201, 0.3131, 0.3488



47.9201, 0.2875, 0.3167

Rectangle

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



47.9201, 0.3119, 0.3103



47.9201, 0.3321, 0.3256



47.9201, 0.3131, 0.3488



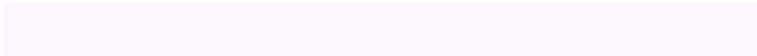
47.9201, 0.2937, 0.3320

Sweetspot

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



47.9222, 0.3119, 0.3103



94.4783, 0.3125, 0.3241



47.0997, 0.3010, 0.3123



20.7244, 0.3125, 0.3244



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.



47.9222, 0.3119, 0.3103



83.7198, 0.3117, 0.3067



47.9413, 0.3180, 0.3172



10.1776, 0.3117, 0.3062



8.0784, 0.2880, 0.1360



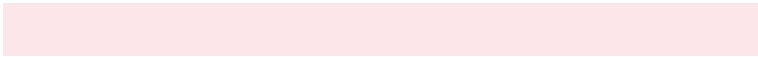
0.3682, 0.2958, 0.1403

Inverse Universe

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



47.6223, 0.3241, 0.3265



83.0913, 0.3265, 0.3260



52.2607, 0.3078, 0.3412



10.0992, 0.3269, 0.3260



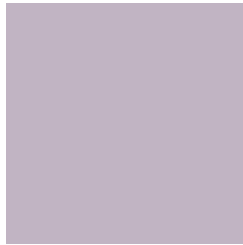
7.5961, 0.6211, 0.3195



0.3355, 0.5715, 0.2922

Previews

White Background



This preview shows how the Yxy color 47.9201, 0.3119, 0.3103 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 47.9201, 0.3119, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

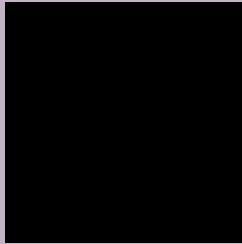
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9201, 0.3119, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 47.9201, 0.3119, 0.3103.



This preview shows how white text looks on a background with the Yxy color 47.9201, 0.3119, 0.3103.

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

47.9201, 0.3119, 0.3103

Protanopia

48.0885, 0.3028, 0.3112

Deuteranopia

48.0506, 0.3154, 0.3093



Tritanopia

47.8750, 0.3127, 0.3115

Trichromacy



Original Color

47.9201, 0.3119, 0.3103

Protanomaly

48.0062, 0.3060, 0.3113

Deuteranomaly

47.9161, 0.3145, 0.3092

Tritanomaly

47.8750, 0.3127, 0.3115

Monochromacy



Original Color

47.9201, 0.3119, 0.3103

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7739, 0.3130, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9201, 0.3119, 0.3103 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, 180, 195)` looks like.

```
.text, #text, p{  
    color:rgb(193, 180, 195)  
}
```

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, 180, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 180, 195) }
```

Border

The CSS property to change the border of an element to Yxy 47.9201, 0.3119, 0.3103 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, 180, 195) }
```

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

```
.border{ border-color:rgb(193, 180, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 180, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 180, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 180, 195);  
box-shadow:4px 4px 4px 4px rgb(193, 180,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9201, 0.3119, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 180, 195) }
```

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

```
.background{ background-color: rgb(193,  
180, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor