

Converting Colors

$Y_{xy}(43.6709, 0.3095, 0.2921)$

Have a look what the booklet for
Yxy(43.6709, 0.3095, 0.2921)
contains.

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Color

Yxy(43.7906, 0.3100, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	C1A9C6
RGB	193, 169, 198
RGB Percent	76%, 66%, 78%
CMY	0.2430, 0.3373, 0.2235
CMYK	0.03, 0.15, 0.00, 0.22
HSL	290°, 20%, 72%
HSV	290°, 15%, 78%
XYZ	46.3788, 43.7906, 59.4397
YIQ	179.4820, 4.9950, 14.1070

Conversions

Conversions Part 2

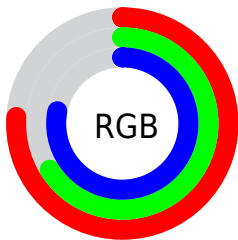
Format	Color
R _Y B	193, 169, 198
Decimal	12691910
CIE Lab	72.09, 13.95, -11.58
CIE LCh	72, 18.128, 320.298
Yxy	43.7906, 0.3100, 0.2927
Android (android.graphics.Color)	4290881990 (0xFFC1A9C6)
YUV	179.4820, 9.1294, 11.8553
Hunter-Lab	66.1745, 9.2977, -6.9338

Details

The Yxy color $43.7906, 0.3100, 0.2927$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $52.2535, 0.3148, 0.3672$, and the grayscale version is $45.3007, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.8553, 0.3107, 0.2986$, and $20.2252, 0.3087, 0.2833$ is the 20% darker color. If you saturate the color by 10%, you get $36.5327, 0.3076, 0.2668$, and if you desaturate by 10%, it is $52.1782, 0.3120, 0.3178$.

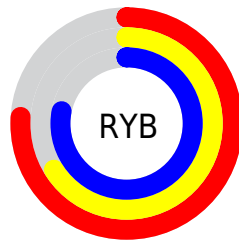
Distribution



Red (76%)

Green (66%)

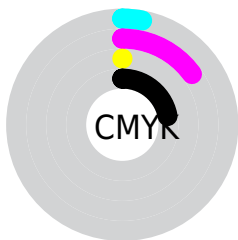
Blue (78%)



Red (76%)

Yellow (66%)

Blue (78%)

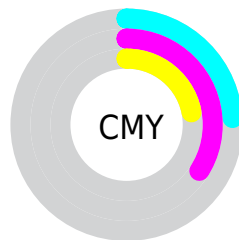


Cyan (3%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (24%)


Magenta (34%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7906, 0.3100, 0.2927 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 43.7906, 0.3100, 0.2927 by changing the saturation by 10% instead.


 43.7906, 0.3100,
0.2927

 43.7906, 0.3100,
0.2927


361.8531, 0.3116,
0.3106

 30.5059, 0.3095,
0.2883


 80.9026, 0.3106,
0.2991

 20.2229, 0.3089,
0.2828


 105.4986, 0.3108,
0.3016

 12.5572, 0.3081,
0.2755


134.6339, 0.3110,
0.3036

 7.1243, 0.3067,
0.2654

168.6929, 0.3112,
0.3054

 3.5400, 0.3045,
0.2509

208.0599, 0.3113,
0.3069

 1.4197, 0.3003,
0.2278

253.1193, 0.3114,

 0.2312, 0.3018,

0.3083

0.1246

304.2556, 0.3115,
0.3095

0.0000, 0.0000,
0.0000

43.7906, 0.3100,
0.2927

43.7906, 0.3100,
0.2927

36.5327, 0.3076,
0.2668

52.1782, 0.3120,
0.3178

30.3489, 0.3047,
0.2408

61.7368, 0.3135,
0.3415

25.1870, 0.3014,
0.2156

72.5125, 0.3147,
0.3637

20.9886, 0.2976,
0.1921

84.5472, 0.3156,
0.3841

17.6890, 0.2934,
0.1714

89.3042, 0.3172,
0.3905

■ 15.2157, 0.2890,
0.1544

■ 89.8089, 0.3193,
0.3901

■ 13.4849, 0.2845,
0.1417

■ 90.3243, 0.3215,
0.3897

■ 12.3946, 0.2800,
0.1335

■ 90.8505, 0.3237,
0.3893

■ 11.9698, 0.2776,
0.1303

■ 91.3874, 0.3259,
0.3889

Harmonies

Analogous

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



43.7906, 0.2857, 0.2861



43.7906, 0.3100, 0.2927



43.7906, 0.3360, 0.3080

Triad

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



43.7906, 0.3100, 0.2927



43.7906, 0.3577, 0.3674



43.7906, 0.2709, 0.3270

Complementary

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



43.7906, 0.3100, 0.2927



52.2535, 0.3148, 0.3672

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.



43.7906, 0.2889, 0.3513



43.7906, 0.3100, 0.2927



43.7906, 0.3390, 0.3750

Square

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



43.7906, 0.3100, 0.2927



43.7906, 0.3642, 0.3502



43.7906, 0.3137, 0.3693



43.7906, 0.2638, 0.3046

Rectangle

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



43.7906, 0.3100, 0.2927



43.7906, 0.3506, 0.3214



43.7906, 0.3137, 0.3693



43.7906, 0.2758, 0.3353

Sweetspot

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



43.7925, 0.3100, 0.2927



93.3331, 0.3121, 0.3192



42.9057, 0.2896, 0.2976



19.7170, 0.3119, 0.3173



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.



43.7925, 0.3100, 0.2927



72.6651, 0.3092, 0.2834



44.0475, 0.3222, 0.3042



10.7209, 0.3111, 0.3060



7.8161, 0.2782, 0.1306



0.3951, 0.2876, 0.1358

Inverse Universe

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



43.4363, 0.3352, 0.3227



71.9190, 0.3419, 0.3211



52.0490, 0.3044, 0.3551



10.6662, 0.3263, 0.3251



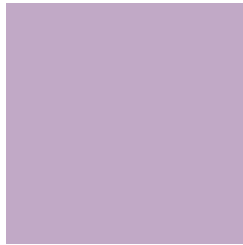
7.8917, 0.6127, 0.3149



0.3831, 0.5584, 0.2850

Previews

White Background



This preview shows how the Yxy color 43.7906, 0.3100, 0.2927 looks on a white background.

Color Contrast Check

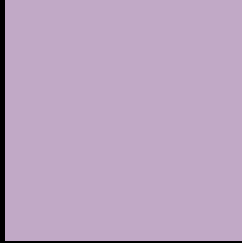
Large Text (above 18pt) WCAG AA × Fail

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 43.7906, 0.3100, 0.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

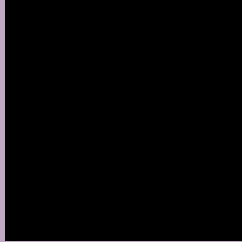
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7906, 0.3100, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 43.7906, 0.3100, 0.2927.



This preview shows how white text looks on a background with the Yxy color 43.7906, 0.3100, 0.2927.

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

43.7906, 0.3100, 0.2927

Protanopia

43.6949, 0.2891, 0.2938

Deuteranopia

43.7266, 0.3029, 0.2970



Tritanopia

43.7050, 0.3189, 0.3111

Trichromacy



Original Color

43.7906, 0.3100, 0.2927

Protanomaly

43.8075, 0.2964, 0.2930

Deuteranomaly

43.7218, 0.3055, 0.2959

Tritanomaly

43.6736, 0.3157, 0.3036

Monochromacy



Original Color

43.7906, 0.3100, 0.2927

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3955, 0.3116, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7906, 0.3100, 0.2927 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, 169, 198)` looks like.

```
.text, #text, p{  
    color:rgb(193, 169, 198)  
}
```

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, 169, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 169, 198) }
```

Border

The CSS property to change the border of an element to Yxy 43.7906, 0.3100, 0.2927 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, 169, 198) }
```

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

```
.border{ border-color:rgb(193, 169, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 169, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 169, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 169, 198);  
box-shadow:4px 4px 4px 4px rgb(193, 169,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7906, 0.3100, 0.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 169, 198) }
```

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

```
.background{ background-color: rgb(193,  
169, 198) }
```

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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