

Converting Colors

$Y_{xy}(43.2888, 0.3197, 0.2975)$

Have a look what the booklet for
Yxy(43.2888, 0.3197, 0.2975)
contains.

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Color

Yxy(43.4490, 0.3196, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	C6A7C0
RGB	198, 167, 192
RGB Percent	78%, 65%, 75%
CMY	0.2236, 0.3450, 0.2471
CMYK	0.00, 0.16, 0.03, 0.22
HSL	312°, 21%, 72%
HSV	312°, 16%, 78%
XYZ	46.6140, 43.4490, 55.7880
YIQ	179.1190, 10.4510, 14.3470

Conversions

Conversions Part 2

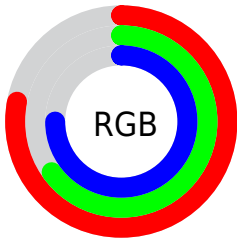
Format	Color
R_{YB}	198, 167, 192
Decimal	13019072
CIE _{Lab}	71.86, 15.60, -8.56
CIE _{LCh}	72, 17.794, 331.254
Yxy	43.4490, 0.3196, 0.2979
Android (android.graphics.Color)	4291209152 (0xFFC6A7C0)
YUV	179.1190, 6.3503, 16.5586
Hunter-Lab	65.9159, 10.8778, -4.0391

Details

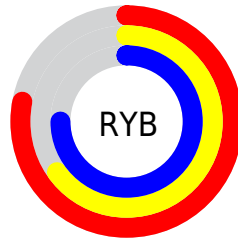
The Yxy color **43.4490, 0.3196, 0.2979** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.6090, 0.3065, 0.3622**, and the grayscale version is **45.1066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2799, 0.3188, 0.3036**, and **20.0548, 0.3209, 0.2887** is the 20% darker color. If you saturate the color by 10%, you get **36.5755, 0.3249, 0.2773**, and if you desaturate by 10%, it is **51.4411, 0.3150, 0.3180**.

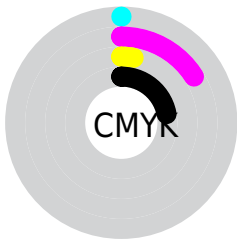
Distribution



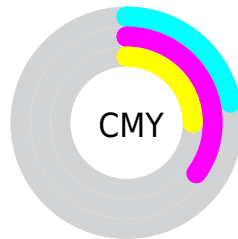
- Red (78%)
- Green (65%)
- Blue (75%)



- Red (78%)
- Yellow (65%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4490, 0.3196, 0.2979 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 43.4490, 0.3196, 0.2979 by changing the saturation by 10% instead.


 43.4490, 0.3196,
0.2979


 43.4490, 0.3196,
0.2979


360.4550, 0.3163,
0.3133

 30.2376, 0.3204,
0.2941


 80.3880, 0.3184,
0.3034

 20.0190, 0.3214,
0.2893


 104.8843, 0.3180,
0.3055

 12.4088, 0.3226,
0.2830


133.9111, 0.3176,
0.3073

 7.0228, 0.3244,
0.2742

167.8527, 0.3173,
0.3088

 3.4763, 0.3267,
0.2614

207.0934, 0.3170,
0.3102

 1.3852, 0.3303,
0.2409

252.0178, 0.3167,

 0.2058, 0.3592,

0.3113

0.1282

303.0102, 0.3165,
0.3123

0.0000, 0.0000,
0.0000

43.4490, 0.3196,
0.2979

43.4490, 0.3196,
0.2979

36.5755, 0.3249,
0.2773

51.4411, 0.3150,
0.3180

30.7646, 0.3308,
0.2569

60.5931, 0.3111,
0.3373

25.9639, 0.3373,
0.2374

70.9516, 0.3077,
0.3554

22.1143, 0.3444,
0.2197

82.5585, 0.3048,
0.3723

19.1507, 0.3518,
0.2049

88.2312, 0.3026,
0.3770

■ 16.9998, 0.3594,
0.1939

■ 88.4258, 0.3005,
0.3726

■ 15.5762, 0.3669,
0.1873

■ 88.6249, 0.2984,
0.3683

■ 14.7747, 0.3740,
0.1852

■ 88.8287, 0.2963,
0.3640

■ 14.5283, 0.3771,
0.1851

■ 89.0372, 0.2943,
0.3598

Harmonies

Analogous

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



43.4490, 0.2942, 0.2880



43.4490, 0.3196, 0.2979



43.4490, 0.3440, 0.3153

Triad

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



43.4490, 0.3196, 0.2979



43.4490, 0.3515, 0.3709



43.4490, 0.2676, 0.3184

Complementary

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



43.4490, 0.3196, 0.2979



51.6090, 0.3065, 0.3622

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.



43.4490, 0.2818, 0.3425



43.4490, 0.3196, 0.2979



43.4490, 0.3299, 0.3738

Square

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



43.4490, 0.3196, 0.2979



43.4490, 0.3627, 0.3569



43.4490, 0.3044, 0.3633



43.4490, 0.2650, 0.2986

Rectangle

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



43.4490, 0.3196, 0.2979



43.4490, 0.3560, 0.3293



43.4490, 0.3044, 0.3633



43.4490, 0.2711, 0.3263

Sweetspot

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



43.4509, 0.3196, 0.2979



91.9754, 0.3148, 0.3191



40.5694, 0.2924, 0.2881



19.4543, 0.3151, 0.3177



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.



43.4509, 0.3196, 0.2979



72.2989, 0.3214, 0.2904



42.8130, 0.3329, 0.3166



10.7801, 0.3167, 0.3106



9.4635, 0.3762, 0.1846



0.4574, 0.3627, 0.1772

Inverse Universe

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



43.4509, 0.3196, 0.2979



72.2989, 0.3214, 0.2904



52.2298, 0.2959, 0.3418



10.7801, 0.3167, 0.3106



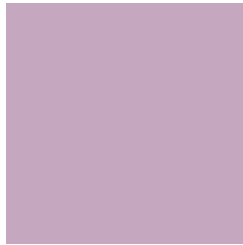
9.4635, 0.3762, 0.1846



0.4574, 0.3627, 0.1772

Previews

White Background



This preview shows how the Yxy color 43.4490, 0.3196, 0.2979 looks on a white background.

Color Contrast Check

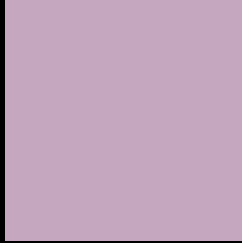
Large Text (above 18pt) WCAG AA × Fail

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 43.4490, 0.3196, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

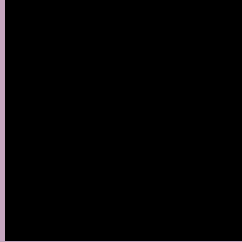
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4490, 0.3196, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 43.4490, 0.3196, 0.2979.



This preview shows how white text looks on a background with the Yxy color 43.4490, 0.3196, 0.2979.

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

43.4490, 0.3196, 0.2979

Protanopia

43.5754, 0.2937, 0.3001

Deuteranopia

43.4522, 0.3104, 0.3033



Tritanopia

43.6236, 0.3272, 0.3126

Trichromacy



Original Color

43.4490, 0.3196, 0.2979

Protanomaly

43.3903, 0.3028, 0.2993

Deuteranomaly

43.5874, 0.3140, 0.3023

Tritanomaly

43.4208, 0.3238, 0.3064

Monochromacy



Original Color

43.4490, 0.3196, 0.2979

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5597, 0.3150, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4490, 0.3196, 0.2979 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(198, 167, 192)` looks like.

```
.text, #text, p{  
    color:rgb(198, 167, 192)  
}
```

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(198, 167, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 167, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.4490, 0.3196, 0.2979 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(198, 167, 192) }
```

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

```
.border{ border-color:rgb(198, 167, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 167, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 167, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 167, 192);  
box-shadow:4px 4px 4px 4px rgb(198, 167,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4490, 0.3196, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 167, 192) }
```

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

```
.background{ background-color: rgb(198,  
167, 192) }
```

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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