

Converting Colors

$Y_{xy}(43.4257, 0.3167, 0.2822)$

Have a look what the booklet for
Yxy(43.4257, 0.3167, 0.2822)
contains.

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Color

Yxy(43.2960, 0.3167, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	CCA3CA
RGB	204, 163, 202
RGB Percent	80%, 64%, 79%
CMY	0.2001, 0.3607, 0.2077
CMYK	0.00, 0.20, 0.01, 0.20
HSL	303°, 29%, 72%
HSV	303°, 20%, 80%
XYZ	48.6581, 43.2960, 61.6868
YIQ	179.7050, 11.9170, 20.8210

Conversions

Conversions Part 2

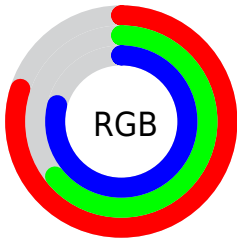
Format	Color
R_{YB}	204, 163, 202
Decimal	13411274
CIE _{Lab}	71.76, 21.73, -14.19
CIE _{LCh}	72, 25.950, 326.855
Yxy	43.2960, 0.3167, 0.2818
Android (android.graphics.Color)	4291601354 (0xFFCCA3CA)
YUV	179.7050, 10.9914, 21.3067
Hunter-Lab	65.7997, 16.8491, -9.5242

Details

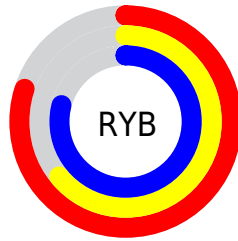
The Yxy color **43.2960, 0.3167, 0.2818** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.6791, 0.3088, 0.3812**, and the grayscale version is **45.4115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **19.8966, 0.3168, 0.2691** is the 20% darker color. If you saturate the color by 10%, you get **36.5827, 0.3189, 0.2581**, and if you desaturate by 10%, it is **51.1816, 0.3146, 0.3056**.

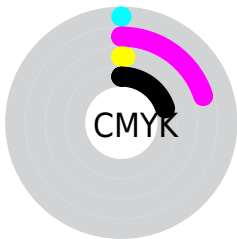
Distribution



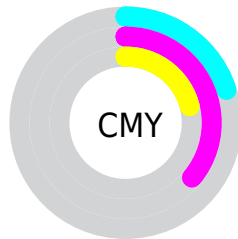
- Red (80%)
- Green (64%)
- Blue (79%)



- Red (80%)
- Yellow (64%)
- Blue (79%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (20%)




- Cyan (20%)
- Magenta (36%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2960, 0.3167, 0.2818 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 43.2960, 0.3167, 0.2818 by changing the saturation by 10% instead.

 43.2960, 0.3167,
0.2818


 43.2960, 0.3167,
0.2818

359.8277, 0.3151,
0.3048

 30.1174, 0.3170,
0.2762


 80.1573, 0.3162,
0.2900

 19.9277, 0.3173,
0.2692


 104.6089, 0.3160,
0.2931

 12.3425, 0.3177,
0.2601


133.5869, 0.3158,
0.2958

 6.9774, 0.3180,
0.2476

167.4758, 0.3156,
0.2981

 3.4480, 0.3181,
0.2298

206.6599, 0.3154,
0.3001

 1.3698, 0.3174,
0.2024

251.5237, 0.3153,

 0.1943, 0.3352,

0.3019

0.0911

302.4514, 0.3152,
0.3034

0.0000, 0.0000,
0.0000

43.2960, 0.3167,
0.2818

43.2960, 0.3167,
0.2818

36.5827, 0.3189,
0.2581

51.1816, 0.3146,
0.3056

30.9802, 0.3212,
0.2352

60.2861, 0.3127,
0.3288

26.4299, 0.3235,
0.2140

70.6603, 0.3110,
0.3510

22.8654, 0.3258,
0.1957

82.3506, 0.3095,
0.3717

20.2132, 0.3280,
0.1808

88.8540, 0.3085,
0.3812

■ 18.3890, 0.3300,
0.1702

■ 88.9017, 0.3080,
0.3801

■ 17.2933, 0.3318,
0.1638

■ 88.9496, 0.3074,
0.3790

■ 16.7415, 0.3333,
0.1610

■ 88.9978, 0.3069,
0.3780

■ 89.0464, 0.3064,
0.3769

Harmonies

Analogous

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



43.2960, 0.2807, 0.2695



43.2960, 0.3167, 0.2818



43.2960, 0.3536, 0.3049

Triad

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



43.2960, 0.3167, 0.2818



43.2960, 0.3724, 0.3874



43.2960, 0.2498, 0.3176

Complementary

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



43.2960, 0.3167, 0.2818



53.6791, 0.3088, 0.3812

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.



43.2960, 0.2718, 0.3538



43.2960, 0.3167, 0.2818



43.2960, 0.3423, 0.3958

Square

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



43.2960, 0.3167, 0.2818



43.2960, 0.3866, 0.3642



43.2960, 0.3054, 0.3837



43.2960, 0.2438, 0.2877

Rectangle

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



43.2960, 0.3167, 0.2818



43.2960, 0.3729, 0.3242



43.2960, 0.3054, 0.3837



43.2960, 0.2555, 0.3295

Sweetspot

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



43.2979, 0.3167, 0.2818



90.5768, 0.3138, 0.3150



38.4888, 0.2806, 0.2743



19.1775, 0.3140, 0.3135



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.



43.2979, 0.3167, 0.2818



66.7883, 0.3176, 0.2717



42.4150, 0.3344, 0.3053



11.3942, 0.3145, 0.3072



10.5436, 0.3331, 0.1609



0.5468, 0.3305, 0.1594

Inverse Universe

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



43.2979, 0.3167, 0.2818



66.7883, 0.3176, 0.2717



54.4608, 0.2954, 0.3540



11.3942, 0.3145, 0.3072



10.5436, 0.3331, 0.1609



0.5468, 0.3305, 0.1594

Previews

White Background



This preview shows how the Yxy color 43.2960, 0.3167, 0.2818 looks on a white background.

Color Contrast Check

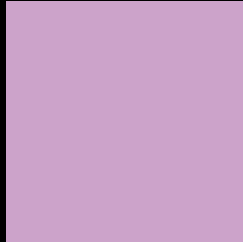
Large Text (above 18pt) WCAG AA × Fail

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 43.2960, 0.3167, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

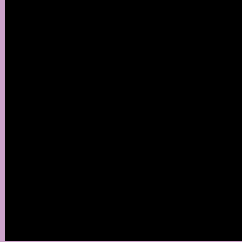
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2960, 0.3167, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 43.2960, 0.3167, 0.2818.



This preview shows how white text looks on a background with the Yxy color 43.2960, 0.3167, 0.2818.

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

43.2960, 0.3167, 0.2818

Protanopia

43.3603, 0.2809, 0.2824

Deuteranopia

43.6203, 0.2988, 0.2931



Tritanopia

43.3502, 0.3329, 0.3127

Trichromacy



Original Color

43.2960, 0.3167, 0.2818

Protanomaly

43.1995, 0.2934, 0.2821

Deuteranomaly

43.5401, 0.3049, 0.2888

Tritanomaly

43.4598, 0.3268, 0.3018

Monochromacy



Original Color

43.2960, 0.3167, 0.2818

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.7218, 0.3144, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2960, 0.3167, 0.2818 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(204, 163, 202)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 202)  
}
```

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(204, 163, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 202) }
```

Border

The CSS property to change the border of an element to Yxy 43.2960, 0.3167, 0.2818 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(204, 163, 202) }
```

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

```
.border{ border-color:rgb(204, 163, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 163, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 202);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2960, 0.3167, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 163, 202) }
```

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

```
.background{ background-color: rgb(204,  
163, 202) }
```

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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