

Converting Colors

$Yxy(43.0206, 0.3283, 0.3101)$

Have a look what the booklet for
Yxy(43.0206, 0.3283, 0.3101)
contains.

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Color

Yxy(43.0206, 0.3283, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	C6A7B6
RGB	198, 167, 182
RGB Percent	78%, 65%, 71%
CMY	0.2237, 0.3450, 0.2862
CMYK	0.00, 0.16, 0.08, 0.22
HSL	331°, 21%, 72%
HSV	331°, 16%, 78%
XYZ	45.5455, 43.0206, 50.1653
YIQ	177.9790, 13.6610, 11.2370

Conversions

Conversions Part 2

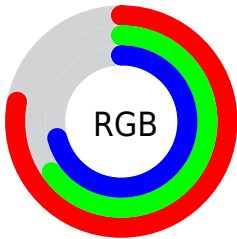
Format	Color
R _Y B	198, 167, 182
Decimal	13019062
CIE Lab	71.57, 13.81, -3.49
CIE LCh	72, 14.248, 345.825
Yxy	43.0206, 0.3283, 0.3101
Android (android.graphics.Color)	4291209142 (0xFFC6A7B6)
YUV	177.9790, 1.9824, 17.5584
Hunter-Lab	65.5901, 9.1671, 0.5663

Details

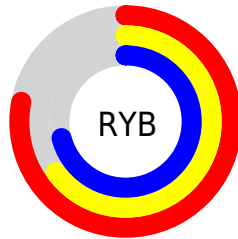
The Yxy color **43.0206, 0.3283, 0.3101** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.0087, 0.2995, 0.3487**, and the grayscale version is **44.4929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6756, 0.3255, 0.3132**, and **19.7757, 0.3332, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **35.9081, 0.3409, 0.2973**, and if you desaturate by 10%, it is **51.2780, 0.3178, 0.3224**.

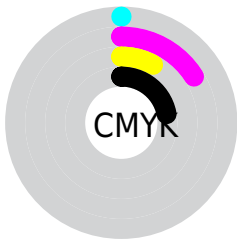
Distribution



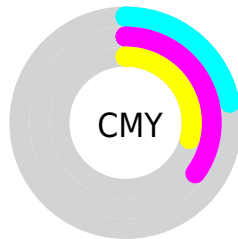
- Red (78%)
- Green (65%)
- Blue (71%)



- Red (78%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (22%)




- Cyan (22%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0206, 0.3283, 0.3101 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 43.0206, 0.3283, 0.3101 by changing the saturation by 10% instead.

 43.0206, 0.3283,
0.3101


 43.0206, 0.3283,
0.3101


358.6965, 0.3205,
0.3196

 29.9013, 0.3303,
0.3077


 79.7419, 0.3254,
0.3135

 19.7637, 0.3328,
0.3047


 104.1128, 0.3244,
0.3148

 12.2234, 0.3362,
0.3007


133.0029, 0.3235,
0.3159

 6.8960, 0.3410,
0.2950

166.7966, 0.3227,
0.3169

 3.3971, 0.3482,
0.2866

205.8785, 0.3220,
0.3177

 1.3424, 0.3603,
0.2726

250.6328, 0.3214,

 0.1737, 0.4529,

0.3184

0.1566

301.4440, 0.3209,
0.3190

0.0000, 0.0000,
0.0000

43.0206, 0.3283,
0.3101

43.0206, 0.3283,
0.3101

35.9081, 0.3409,
0.2973

51.2780, 0.3178,
0.3224

29.8839, 0.3560,
0.2844

60.7223, 0.3091,
0.3340

24.8949, 0.3737,
0.2719

71.4005, 0.3020,
0.3447

20.8815, 0.3942,
0.2607

83.3553, 0.2961,
0.3546

17.7778, 0.4172,
0.2519

89.4069, 0.2908,
0.3525

■ 15.5097, 0.4421,
0.2468

■ 90.0073, 0.2854,
0.3414

■ 13.9913, 0.4678,
0.2465

■ 90.6420, 0.2802,
0.3305

■ 13.1164, 0.4928,
0.2516

■ 90.7415, 0.2794,
0.3289

■ 12.8445, 0.5035,
0.2548

Harmonies

Analogous

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



43.0206, 0.3076, 0.2987



43.0206, 0.3283, 0.3101



43.0206, 0.3452, 0.3263

Triad

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



43.0206, 0.3283, 0.3101



43.0206, 0.3363, 0.3650



43.0206, 0.2740, 0.3122

Complementary

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



43.0206, 0.3283, 0.3101



52.0087, 0.2995, 0.3487

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.



43.0206, 0.2811, 0.3305



43.0206, 0.3283, 0.3101



43.0206, 0.3168, 0.3619

Square

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



43.0206, 0.3283, 0.3101



43.0206, 0.3498, 0.3580



43.0206, 0.2966, 0.3490



43.0206, 0.2767, 0.2994

Rectangle

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



43.0206, 0.3283, 0.3101



43.0206, 0.3517, 0.3380



43.0206, 0.2966, 0.3490



43.0206, 0.2753, 0.3179

Sweetspot

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



43.0225, 0.3283, 0.3101



91.7171, 0.3173, 0.3231



41.7240, 0.3009, 0.2891



19.3914, 0.3180, 0.3222



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.



43.0225, 0.3283, 0.3101



71.3824, 0.3326, 0.3055



42.4352, 0.3418, 0.3291



10.7211, 0.3215, 0.3179



8.3732, 0.5005, 0.2531



0.4111, 0.4533, 0.2271

Inverse Universe

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



43.0225, 0.3283, 0.3101



71.3824, 0.3326, 0.3055



52.6668, 0.2893, 0.3289



10.7211, 0.3215, 0.3179



8.3732, 0.5005, 0.2531



0.4111, 0.4533, 0.2271

Previews

White Background



This preview shows how the Yxy color 43.0206, 0.3283, 0.3101 looks on a white background.

Color Contrast Check

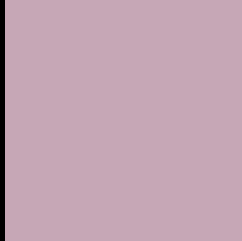
Large Text (above 18pt) WCAG AA × Fail

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 43.0206, 0.3283, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

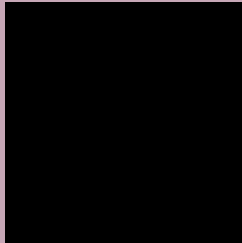
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0206, 0.3283, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 43.0206, 0.3283, 0.3101.



This preview shows how white text looks on a background with the Yxy color 43.0206, 0.3283, 0.3101.

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

43.0206, 0.3283, 0.3101

Protanopia

42.9312, 0.3039, 0.3130

Deuteranopia

43.0328, 0.3215, 0.3148



Tritanopia

42.9385, 0.3301, 0.3126

Trichromacy



Original Color

43.0206, 0.3283, 0.3101

Protanomaly

42.6959, 0.3118, 0.3107

Deuteranomaly

43.0496, 0.3244, 0.3137

Tritanomaly

42.9794, 0.3292, 0.3113

Monochromacy



Original Color

43.0206, 0.3283, 0.3101

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8411, 0.3184, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0206, 0.3283, 0.3101 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(198, 167, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 167, 182) }
```

Border

The CSS property to change the border of an element to Yxy 43.0206, 0.3283, 0.3101 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, 182) }
```

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

```
.border{ border-color:rgb(198, 167, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 167, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 167, 182);  
box-shadow:4px 4px 4px 4px rgb(198, 167,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0206, 0.3283, 0.3101 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, 182) }
```

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

```
.background{ background-color: rgb(198,  
167, 182) }
```

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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