

Converting Colors

$Yxy(44.5156, 0.3259, 0.3064)$

Have a look what the booklet for
Yxy(44.5156, 0.3259, 0.3064)
contains.

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Color

Yxy(44.4243, 0.3256, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	C9A9BC
RGB	201, 169, 188
RGB Percent	79%, 66%, 74%
CMY	0.2118, 0.3372, 0.2628
CMYK	0.00, 0.16, 0.06, 0.21
HSL	324°, 23%, 73%
HSV	324°, 16%, 79%
XYZ	47.3471, 44.4243, 53.6436
YIQ	180.7340, 12.9730, 12.6930

Conversions

Conversions Part 2

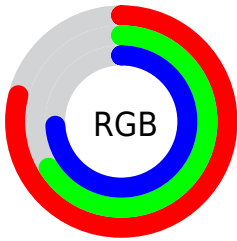
Format	Color
R _Y B	201, 169, 188
Decimal	13216188
CIE Lab	72.51, 14.85, -5.36
CIE LCh	73, 15.781, 340.163
Yxy	44.4243, 0.3256, 0.3055
Android (android.graphics.Color)	4291406268 (0xFFC9A9BC)
YUV	180.7340, 3.5821, 17.7733
Hunter-Lab	66.6516, 10.1605, -1.0627

Details

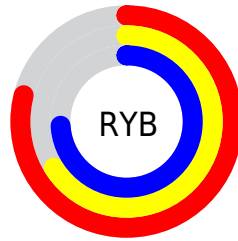
The Yxy color **44.4243, 0.3256, 0.3055** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.5805, 0.3017, 0.3537**, and the grayscale version is **46.0322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1030, 0.3213, 0.3094**, and **20.6749, 0.3292, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **37.1707, 0.3357, 0.2900**, and if you desaturate by 10%, it is **52.8513, 0.3171, 0.3205**.

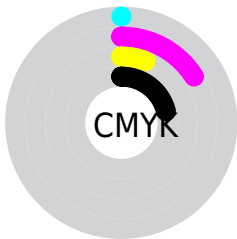
Distribution



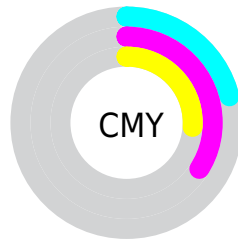
- Red (79%)
- Green (66%)
- Blue (74%)



- Red (79%)
- Yellow (66%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (21%)



- Cyan (21%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4243, 0.3256, 0.3055 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 44.4243, 0.3256, 0.3055 by changing the saturation by 10% instead.


 44.4243, 0.3256,
0.3055


 44.4243, 0.3256,
0.3055

364.4369, 0.3192,
0.3171

 31.0042, 0.3272,
0.3026


 81.8558, 0.3233,
0.3097

 20.6021, 0.3292,
0.2990


 106.6361, 0.3224,
0.3113

 12.8334, 0.3319,
0.2941


135.9718, 0.3217,
0.3126

 7.3139, 0.3356,
0.2874

170.2475, 0.3210,
0.3138

 3.6592, 0.3411,
0.2775

209.8474, 0.3205,
0.3148

 1.4848, 0.3500,
0.2616

255.1560, 0.3200,

 0.2780, 0.3962,

0.3157

0.1758

306.5577, 0.3196,
0.3164

0.0000, 0.0000,
0.0000

44.4243, 0.3256,
0.3055

44.4243, 0.3256,
0.3055

37.1707, 0.3357,
0.2900

52.8513, 0.3171,
0.3205

31.0319, 0.3476,
0.2743

62.4951, 0.3100,
0.3347

25.9532, 0.3614,
0.2593

73.4041, 0.3040,
0.3480

21.8728, 0.3770,
0.2457

85.6223, 0.2991,
0.3602

18.7226, 0.3943,
0.2347

89.5845, 0.2947,
0.3570

■ 16.4258, 0.4127,
0.2274

■ 90.0517, 0.2904,
0.3480

■ 14.8932, 0.4316,
0.2249

■ 90.5407, 0.2861,
0.3392

■ 14.0132, 0.4502,
0.2276

■ 91.0517, 0.2819,
0.3306

■ 13.7526, 0.4578,
0.2295

■ 91.1553, 0.2811,
0.3289

Harmonies

Analogous

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



44.4243, 0.3028, 0.2944



44.4243, 0.3256, 0.3055



44.4243, 0.3454, 0.3224

Triad

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



44.4243, 0.3256, 0.3055



44.4243, 0.3420, 0.3678



44.4243, 0.2710, 0.3140

Complementary

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



44.4243, 0.3256, 0.3055



53.5805, 0.3017, 0.3537

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.



44.4243, 0.2807, 0.3346



44.4243, 0.3256, 0.3055



44.4243, 0.3214, 0.3667

Square

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



44.4243, 0.3256, 0.3055



44.4243, 0.3550, 0.3582



44.4243, 0.2990, 0.3544



44.4243, 0.2720, 0.2986

Rectangle

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



44.4243, 0.3256, 0.3055



44.4243, 0.3539, 0.3351



44.4243, 0.2990, 0.3544



44.4243, 0.2731, 0.3206

Sweetspot

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



44.4263, 0.3256, 0.3055



91.8036, 0.3164, 0.3217



42.5183, 0.2979, 0.2880



19.4125, 0.3170, 0.3207



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.



44.4263, 0.3256, 0.3055



71.6829, 0.3288, 0.3003



43.7830, 0.3396, 0.3250



10.7408, 0.3199, 0.3154



8.6672, 0.4553, 0.2282



0.4245, 0.4200, 0.2087

Inverse Universe

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



44.4263, 0.3256, 0.3055



71.6829, 0.3288, 0.3003



54.2698, 0.2910, 0.3330



10.7408, 0.3199, 0.3154



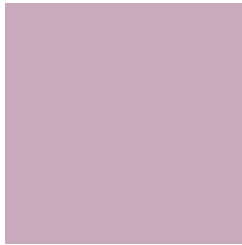
8.6672, 0.4553, 0.2282



0.4245, 0.4200, 0.2087

Previews

White Background



This preview shows how the Yxy color 44.4243, 0.3256, 0.3055 looks on a white background.

Color Contrast Check

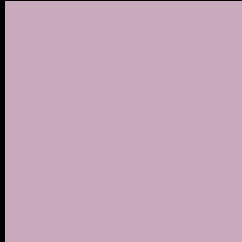
Large Text (above 18pt) WCAG AA × Fail

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 44.4243, 0.3256, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

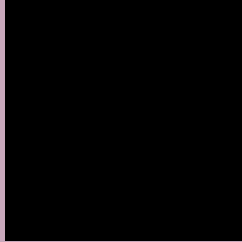
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4243, 0.3256, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 44.4243, 0.3256, 0.3055.



This preview shows how white text looks on a background with the Yxy color 44.4243, 0.3256, 0.3055.

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

44.4243, 0.3256, 0.3055

Protanopia

44.6416, 0.3001, 0.3081

Deuteranopia

44.5514, 0.3171, 0.3112



Tritanopia

44.4477, 0.3289, 0.3128

Trichromacy



Original Color

44.4243, 0.3256, 0.3055

Protanomaly

44.4728, 0.3094, 0.3072

Deuteranomaly

44.6950, 0.3207, 0.3101

Tritanomaly

44.5316, 0.3272, 0.3103

Monochromacy



Original Color

44.4243, 0.3256, 0.3055

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.5963, 0.3166, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4243, 0.3256, 0.3055 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(201, 169, 188)` looks like.

```
.text, #text, p{  
    color:rgb(201, 169, 188)  
}
```

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(201, 169, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 169, 188) }
```

Border

The CSS property to change the border of an element to Yxy 44.4243, 0.3256, 0.3055 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(201, 169, 188) }
```

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

```
.border{ border-color:rgb(201, 169, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 169, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 169, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 169, 188); box-shadow:4px 4px 4px 4px rgb(201, 169, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4243, 0.3256, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 169, 188) }
```

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

```
.background{ background-color: rgb(201,  
169, 188) }
```

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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