

Converting Colors

$Yxy(35.2835, 0.3469, 0.3068)$

Have a look what the booklet for
Yxy(35.2835, 0.3469, 0.3068)
contains.

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Color

Yxy(35.2835, 0.3469, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	C493A4
RGB	196, 147, 164
RGB Percent	77%, 58%, 64%
CMY	0.2314, 0.4235, 0.3569
CMYK	0.00, 0.25, 0.16, 0.23
HSL	339°, 29%, 67%
HSV	339°, 25%, 77%
XYZ	39.8952, 35.2835, 39.8262
YIQ	163.5890, 23.7470, 15.6750

Conversions

Conversions Part 2

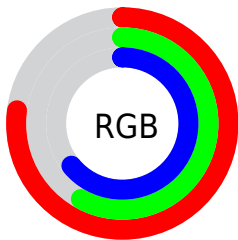
Format	Color
R _Y B	196, 147, 164
Decimal	12882852
CIE Lab	65.97, 21.05, -1.71
CIE LCh	66, 21.122, 355.366
Yxy	35.2835, 0.3469, 0.3068
Android (android.graphics.Color)	4291072932 (0xFFC493A4)
YUV	163.5890, 0.2026, 28.4244
Hunter-Lab	59.3999, 15.9374, 1.8274

Details

The Yxy color **35.2835, 0.3469, 0.3068** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9304, 0.2875, 0.3525**, and the grayscale version is **36.9099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7704, 0.3401, 0.3107**, and **15.2864, 0.3590, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **29.2602, 0.3660, 0.2974**, and if you desaturate by 10%, it is **42.3949, 0.3312, 0.3160**.

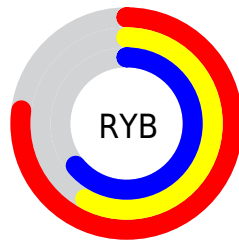
Distribution



Red (77%)

Green (58%)

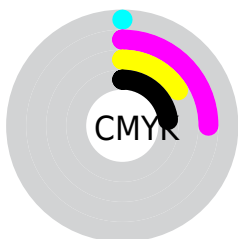
Blue (64%)



Red (77%)

Yellow (58%)

Blue (64%)

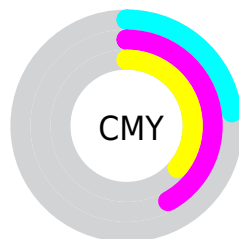


Cyan (0%)

Magenta (25%)

Yellow (16%)

Black (23%)



Cyan (23%)


Magenta (42%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2835, 0.3469, 0.3068 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 35.2835, 0.3469, 0.3068 by changing the saturation by 10% instead.


 35.2835, 0.3469,
0.3068


 35.2835, 0.3469,
0.3068


325.8179, 0.3291,
0.3183

 23.8813, 0.3516,
0.3038

 67.9247, 0.3402,
0.3111

 15.2456, 0.3578,
0.2998


 89.9326, 0.3378,
0.3127

 8.9920, 0.3664,
0.2944


116.2444, 0.3357,
0.3140

 4.7359, 0.3789,
0.2865

147.2447, 0.3340,
0.3151

 2.0932, 0.3990,
0.2740

183.3178, 0.3325,
0.3161

 0.6608, 0.4402,
0.2467

224.8481, 0.3312,

 0.0000, 1.0000,

0.3169

0.0000

272.2200, 0.3301,
0.3177

0.0000, 0.0000,
0.0000

35.2835, 0.3469,
0.3068

35.2835, 0.3469,
0.3068

29.2602, 0.3660,
0.2974

42.3949, 0.3312,
0.3160

24.2662, 0.3889,
0.2884

50.6398, 0.3182,
0.3248

20.2445, 0.4157,
0.2805

60.0669, 0.3077,
0.3330

17.1305, 0.4463,
0.2747

70.7204, 0.2991,
0.3406

14.8516, 0.4795,
0.2723

82.6425, 0.2920,
0.3476

■ 13.3240, 0.5134,
0.2743

■ 89.5926, 0.2856,
0.3441

■ 12.4461, 0.5451,
0.2813

■ 90.3840, 0.2791,
0.3304

■ 12.1501, 0.5600,
0.2859

■ 90.4732, 0.2784,
0.3289

Harmonies

Analogous

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



35.2835, 0.3147, 0.2867



35.2835, 0.3469, 0.3068



35.2835, 0.3703, 0.3327

Triad

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



35.2835, 0.3469, 0.3068



35.2835, 0.3403, 0.3870



35.2835, 0.2521, 0.2942

Complementary

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



35.2835, 0.3469, 0.3068



48.9304, 0.2875, 0.3525

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.



35.2835, 0.2582, 0.3209



35.2835, 0.3469, 0.3068



35.2835, 0.3082, 0.3772

Square

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



35.2835, 0.3469, 0.3068



35.2835, 0.3659, 0.3794



35.2835, 0.2783, 0.3521



35.2835, 0.2611, 0.2787

Rectangle

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



35.2835, 0.3469, 0.3068



35.2835, 0.3770, 0.3506



35.2835, 0.2783, 0.3521



35.2835, 0.2525, 0.3021

Sweetspot

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



35.2851, 0.3469, 0.3068



88.4069, 0.3208, 0.3230



34.4214, 0.2992, 0.2644



18.7196, 0.3215, 0.3225



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.



35.2851, 0.3469, 0.3068



57.7092, 0.3569, 0.3017



37.0701, 0.3624, 0.3389



10.1343, 0.3236, 0.3210



7.8234, 0.5563, 0.2838



0.3511, 0.4933, 0.2491

Inverse Universe

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



35.2851, 0.3469, 0.3068



57.7092, 0.3569, 0.3017



46.4278, 0.2755, 0.3189



10.1343, 0.3236, 0.3210



7.8234, 0.5563, 0.2838



0.3511, 0.4933, 0.2491

Previews

White Background



This preview shows how the Yxy color 35.2835, 0.3469, 0.3068 looks on a white background.

Color Contrast Check

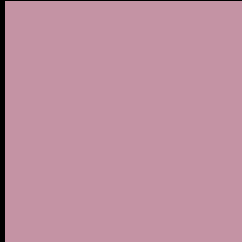
Large Text (above 18pt) WCAG AA × Fail

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 35.2835, 0.3469, 0.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

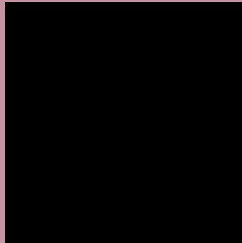
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2835, 0.3469, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 35.2835, 0.3469, 0.3068.



This preview shows how white text looks on a background with the Yxy color 35.2835, 0.3469, 0.3068.

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

35.2835, 0.3469, 0.3068

Protanopia

35.5938, 0.3023, 0.3117

Deuteranopia

35.4995, 0.3259, 0.3206



Tritanopia

35.2851, 0.3508, 0.3146

Trichromacy



Original Color

35.2835, 0.3469, 0.3068

Protanomaly

35.1915, 0.3176, 0.3094

Deuteranomaly

35.4941, 0.3335, 0.3154

Tritanomaly

35.3551, 0.3488, 0.3119

Monochromacy



Original Color

35.2835, 0.3469, 0.3068

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3642, 0.3248, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2835, 0.3469, 0.3068 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(196, 147, 164)` looks like.

```
.text, #text, p{  
    color:rgb(196, 147, 164)  
}
```

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(196, 147, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 164) }
```

Border

The CSS property to change the border of an element to Yxy 35.2835, 0.3469, 0.3068 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(196, 147, 164) }
```

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

```
.border{ border-color:rgb(196, 147, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 147, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 147, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 147, 164);  
box-shadow:4px 4px 4px 4px rgb(196, 147,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2835, 0.3469, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 147, 164) }
```

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

```
.background{ background-color: rgb(196,  
147, 164) }
```

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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