

Converting Colors

$Yxy(35.3593, 0.3467, 0.3081)$

Have a look what the booklet for
Yxy(35.3593, 0.3467, 0.3081)
contains.

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Color

Yxy(35.4622, 0.3457, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	C394A4
RGB	195, 148, 164
RGB Percent	76%, 58%, 64%
CMY	0.2352, 0.4196, 0.3568
CMYK	0.00, 0.24, 0.16, 0.24
HSL	340°, 28%, 67%
HSV	340°, 24%, 76%
XYZ	39.8029, 35.4622, 39.8719
YIQ	163.8770, 22.8760, 14.9400

Conversions

Conversions Part 2

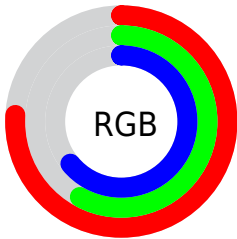
Format	Color
R _Y B	195, 148, 164
Decimal	12817572
CIE Lab	66.11, 20.17, -1.52
CIE LCh	66, 20.226, 355.682
Yxy	35.4622, 0.3457, 0.3080
Android (android.graphics.Color)	4291007652 (0xFFC394A4)
YUV	163.8770, 0.0606, 27.2949
Hunter-Lab	59.5501, 15.0953, 1.9873

Details

The Yxy color **35.4622, 0.3457, 0.3080** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5949, 0.2881, 0.3511**, and the grayscale version is **37.0562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0510, 0.3391, 0.3117**, and **15.3820, 0.3572, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **29.4112, 0.3647, 0.2988**, and if you desaturate by 10%, it is **42.5942, 0.3301, 0.3170**.

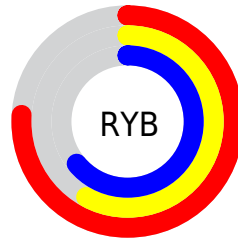
Distribution



Red (76%)

Green (58%)

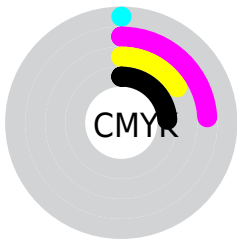
Blue (64%)



Red (76%)

Yellow (58%)

Blue (64%)

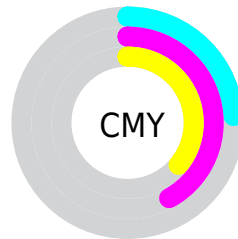


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (24%)



Cyan (24%)


Magenta (42%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4622, 0.3457, 0.3080 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 35.4622, 0.3457, 0.3080 by changing the saturation by 10% instead.


 35.4622, 0.3457,
0.3080


 35.4622, 0.3457,
0.3080


326.6038, 0.3285,
0.3189

 24.0191, 0.3502,
0.3051


 68.2012, 0.3393,
0.3121

 15.3478, 0.3562,
0.3014


 90.2659, 0.3369,
0.3135

 9.0639, 0.3645,
0.2963


116.6399, 0.3349,
0.3148

 4.7829, 0.3765,
0.2888

147.7076, 0.3333,
0.3159

 2.1204, 0.3959,
0.2770

183.8535, 0.3318,
0.3168

 0.6761, 0.4352,
0.2514

225.4619, 0.3306,

 0.0000, 1.0000,

0.3176

0.0000

272.9172, 0.3295,
0.3183

0.0000, 0.0000,
0.0000

35.4622, 0.3457,
0.3080

35.4622, 0.3457,
0.3080

29.4112, 0.3647,
0.2988

42.5942, 0.3301,
0.3170

24.3834, 0.3874,
0.2899

50.8518, 0.3173,
0.3256

20.3228, 0.4143,
0.2820

60.2827, 0.3068,
0.3336

17.1662, 0.4449,
0.2761

70.9308, 0.2983,
0.3410

14.8425, 0.4783,
0.2735

82.8374, 0.2913,
0.3478

■ 13.2702, 0.5125,
0.2752

■ 89.4882, 0.2849,
0.3437

■ 12.3506, 0.5448,
0.2818

■ 90.2851, 0.2783,
0.3299

■ 12.0045, 0.5623,
0.2871

■ 90.3464, 0.2779,
0.3289

Harmonies

Analogous

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



35.4622, 0.3150, 0.2886



35.4622, 0.3457, 0.3080



35.4622, 0.3679, 0.3329

Triad

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



35.4622, 0.3457, 0.3080



35.4622, 0.3389, 0.3844



35.4622, 0.2547, 0.2956

Complementary

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



35.4622, 0.3457, 0.3080



48.5949, 0.2881, 0.3511

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.



35.4622, 0.2604, 0.3210



35.4622, 0.3457, 0.3080



35.4622, 0.3081, 0.3747

Square

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



35.4622, 0.3457, 0.3080



35.4622, 0.3634, 0.3774



35.4622, 0.2796, 0.3507



35.4622, 0.2634, 0.2807

Rectangle

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



35.4622, 0.3457, 0.3080



35.4622, 0.3742, 0.3500



35.4622, 0.2796, 0.3507



35.4622, 0.2549, 0.3031

Sweetspot

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



35.4638, 0.3457, 0.3080



86.4081, 0.3208, 0.3231



34.6507, 0.2998, 0.2668



18.7180, 0.3216, 0.3226



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.



35.4638, 0.3457, 0.3080



57.4835, 0.3554, 0.3031



37.2025, 0.3602, 0.3385



10.1332, 0.3237, 0.3212



7.8137, 0.5587, 0.2852



0.3506, 0.4953, 0.2502

Inverse Universe

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



35.4638, 0.3457, 0.3080



57.4835, 0.3554, 0.3031



46.1927, 0.2768, 0.3193



10.1332, 0.3237, 0.3212



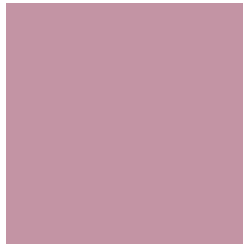
7.8137, 0.5587, 0.2852



0.3506, 0.4953, 0.2502

Previews

White Background



This preview shows how the Yxy color 35.4622, 0.3457, 0.3080 looks on a white background.

Color Contrast Check

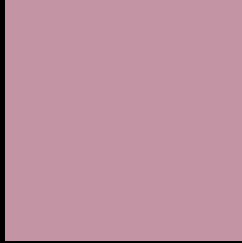
Large Text (above 18pt) WCAG AA × Fail

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 35.4622, 0.3457, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

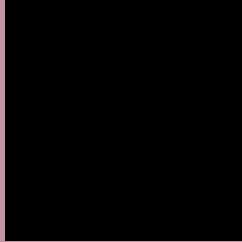
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4622, 0.3457, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 35.4622, 0.3457, 0.3080.



This preview shows how white text looks on a background with the Yxy color 35.4622, 0.3457, 0.3080.

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

35.4622, 0.3457, 0.3080

Protanopia

35.6590, 0.3040, 0.3132

Deuteranopia

35.6514, 0.3260, 0.3193



Tritanopia

35.6351, 0.3496, 0.3146

Trichromacy



Original Color

35.4622, 0.3457, 0.3080

Protanomaly

35.4883, 0.3184, 0.3122

Deuteranomaly

35.4941, 0.3335, 0.3154

Tritanomaly

35.6702, 0.3485, 0.3133

Monochromacy



Original Color

35.4622, 0.3457, 0.3080

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.2480, 0.3238, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4622, 0.3457, 0.3080 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(195, 148, 164)` looks like.

```
.text, #text, p{  
    color:rgb(195, 148, 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(195, 148, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 148, 164) }
```

Border

The CSS property to change the border of an element to Yxy 35.4622, 0.3457, 0.3080 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(195, 148, 164) }
```

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

```
.border{ border-color:rgb(195, 148, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 148, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 148, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 148, 164);  
box-shadow:4px 4px 4px 4px rgb(195, 148,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4622, 0.3457, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 148, 164) }
```

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

```
.background{ background-color: rgb(195,  
148, 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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