

Converting Colors

$Yxy(35.2333, 0.3787, 0.3380)$

Have a look what the booklet for
Yxy(35.2333, 0.3787, 0.3380)
contains.

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Color

Yxy(35.3174, 0.3786, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	CA938C
RGB	202, 147, 140
RGB Percent	79%, 58%, 55%
CMY	0.2079, 0.4235, 0.4509
CMYK	0.00, 0.27, 0.31, 0.21
HSL	7°, 37%, 67%
HSV	7°, 31%, 79%
XYZ	39.5246, 35.3174, 29.5547
YIQ	162.6470, 35.0270, 9.4830

Conversions

Conversions Part 2

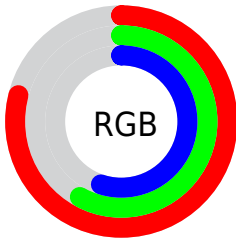
Format	Color
R _Y B	202, 148, 140
Decimal	13276044
CIE Lab	66.00, 19.78, 11.88
CIE LCh	66, 23.069, 30.984
Yxy	35.3174, 0.3786, 0.3383
Android (android.graphics.Color)	4291466124 (0xFFCA938C)
YUV	162.6470, -11.1650, 34.5126
Hunter-Lab	59.4284, 14.7168, 12.1141

Details

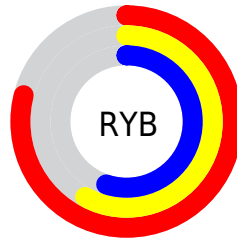
The Yxy color **35.3174, 0.3786, 0.3383** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8785, 0.2679, 0.3194**, and the grayscale version is **36.4935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9283, 0.3612, 0.3364**, and **15.3070, 0.4010, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **29.6294, 0.4102, 0.3414**, and if you desaturate by 10%, it is **41.9867, 0.3525, 0.3351**.

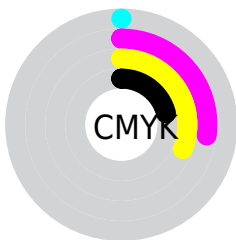
Distribution



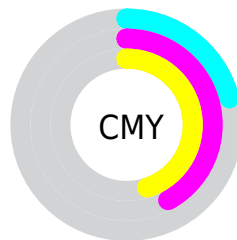
- Red (79%)
- Green (58%)
- Blue (55%)



- Red (79%)
- Yellow (58%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (31%)
- Black (21%)





- Cyan (21%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3174, 0.3786, 0.3383 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 35.3174, 0.3786, 0.3383 by changing the saturation by 10% instead.


 35.3174, 0.3786,
0.3383

 35.3174, 0.3786,
0.3383


325.9671, 0.3438,
0.3343


 23.9075, 0.3879,
0.3391


 67.9772, 0.3655,
0.3370

 15.2650, 0.4002,
0.3399


 89.9958, 0.3607,
0.3365

 9.0056, 0.4172,
0.3406


 116.3195, 0.3567,
0.3360

 4.7448, 0.4422,
0.3409

147.3326, 0.3534,
0.3355

 2.0983, 0.4821,
0.3393

183.4195, 0.3505,
0.3352

 0.6637, 0.6328,
0.3672

224.9646, 0.3479,

 0.0000, 1.0000,

0.3348

0.0000

272.3524, 0.3457,
0.3345

0.0000, 0.0000,
0.0000

35.3174, 0.3786,
0.3383

35.3174, 0.3786,
0.3383

29.6294, 0.4102,
0.3414

41.9867, 0.3525,
0.3351

24.8717, 0.4475,
0.3442

49.6753, 0.3312,
0.3321

20.9959, 0.4897,
0.3460

58.4254, 0.3138,
0.3292


17.9478, 0.5344,
0.3464


68.2752, 0.2996,
0.3266

15.6666, 0.5767,
0.3448

79.2611, 0.2880,
0.3242

 14.0834, 0.6106,
0.3411

 91.0104, 0.2816,
0.3284

 13.1585, 0.6313,
0.3369

 91.2956, 0.2816,
0.3289

Harmonies

Analogous

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



35.3174, 0.3559, 0.3097



35.3174, 0.3786, 0.3383



35.3174, 0.3823, 0.3663

Triad

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



35.3174, 0.3786, 0.3383



35.3174, 0.3010, 0.3778



35.3174, 0.2601, 0.2727

Complementary

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



35.3174, 0.3786, 0.3383



48.8785, 0.2679, 0.3194

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.



35.3174, 0.2475, 0.2867



35.3174, 0.3786, 0.3383



35.3174, 0.2701, 0.3479

Square

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



35.3174, 0.3786, 0.3383



35.3174, 0.3363, 0.3921



35.3174, 0.2509, 0.3138



35.3174, 0.2866, 0.2731

Rectangle

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



35.3174, 0.3786, 0.3383



35.3174, 0.3736, 0.3813



35.3174, 0.2509, 0.3138



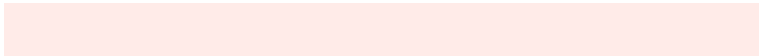
35.3174, 0.2541, 0.2758

Sweetspot

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



35.3191, 0.3786, 0.3383



86.2967, 0.3282, 0.3316



35.2959, 0.3221, 0.2603



18.0274, 0.3310, 0.3320



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.



35.3191, 0.3786, 0.3383



53.0510, 0.3995, 0.3405



45.9759, 0.3672, 0.3764



11.4137, 0.3287, 0.3317



8.5345, 0.6299, 0.3381



0.5104, 0.6027, 0.3596

Inverse Universe

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



48.8785, 0.2679, 0.3194



79.6876, 0.2591, 0.3170



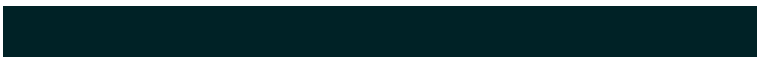
36.6848, 0.2630, 0.2764



12.5028, 0.2983, 0.3263



23.6373, 0.2149, 0.2934



1.2823, 0.2169, 0.3010

Previews

White Background



This preview shows how the Yxy color 35.3174, 0.3786, 0.3383 looks on a white background.

Color Contrast Check

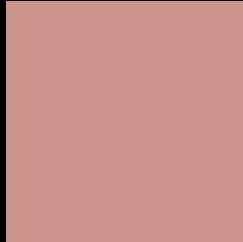
Large Text (above 18pt) WCAG AA × Fail

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 35.3174, 0.3786, 0.3383 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 35.3174, 0.3786, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 35.3174, 0.3786, 0.3383.



This preview shows how white text looks on a background with the Yxy color 35.3174, 0.3786, 0.3383.

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

35.3174, 0.3786, 0.3383

Protanopia

35.4637, 0.3314, 0.3480

Deuteranopia

35.4971, 0.3578, 0.3514



Tritanopia

35.4885, 0.3642, 0.3150

Trichromacy



Original Color

35.3174, 0.3786, 0.3383

Protanomaly

35.1596, 0.3487, 0.3446

Deuteranomaly

35.3969, 0.3662, 0.3468

Tritanomaly

35.4563, 0.3693, 0.3240

Monochromacy



Original Color

35.3174, 0.3786, 0.3383

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.8276, 0.3344, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3174, 0.3786, 0.3383 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(202, 147, 140)` looks like.

```
.text, #text, p{  
    color:rgb(202, 147, 140)  
}
```

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(202, 147, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 147, 140) }
```

Border

The CSS property to change the border of an element to Yxy 35.3174, 0.3786, 0.3383 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(202, 147, 140) }
```

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

```
.border{ border-color:rgb(202, 147, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 147, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 147, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 147, 140);  
box-shadow:4px 4px 4px 4px rgb(202, 147,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3174, 0.3786, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 147, 140) }
```

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

```
.background{ background-color: rgb(202,  
147, 140) }
```

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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