

Converting Colors

$Yxy(35.3244, 0.3642, 0.3292)$

Have a look what the booklet for
Yxy(35.3244, 0.3642, 0.3292)
contains.

Yxy(35.1882, 0.3644, 0.3292)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.1882, 0.3644, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	C59494
RGB	197, 148, 148
RGB Percent	77%, 58%, 58%
CMY	0.2276, 0.4195, 0.4197
CMYK	0.00, 0.25, 0.25, 0.23
HSL	0°, 30%, 68%
HSV	0°, 25%, 77%
XYZ	38.9507, 35.1882, 32.7511
YIQ	162.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

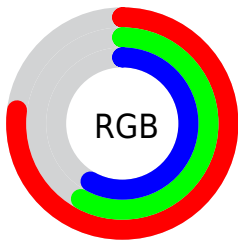
Format	Color
RYB	197, 148, 148
Decimal	12948628
CIELab	65.89, 18.39, 7.19
CIElCh	66, 19.750, 21.361
Yxy	35.1882, 0.3644, 0.3292
Android (android.graphics.Color)	4291138708 (0xFFC59494)
YUV	162.6510, -7.2229, 30.1241
Hunter-Lab	59.3196, 13.3981, 8.7890

Details

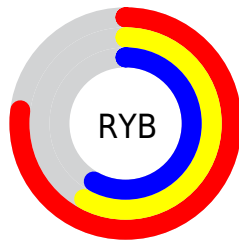
The Yxy color **35.1882, 0.3644, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2166, 0.2765, 0.3288**, and the grayscale version is **36.4766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5762, 0.3539, 0.3291**, and **15.1632, 0.3818, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **28.9591, 0.3945, 0.3293**, and if you desaturate by 10%, it is **42.5763, 0.3401, 0.3291**.

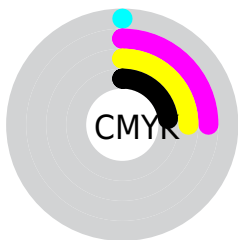
Distribution



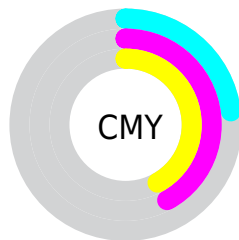
- Red (77%)
- Green (58%)
- Blue (58%)



- Red (77%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1882, 0.3644, 0.3292 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 35.1882, 0.3644, 0.3292 by changing the saturation by 10% instead.


 35.1882, 0.3644,
0.3292


 35.1882, 0.3644,
0.3292


325.3983, 0.3371,
0.3295

 23.8079, 0.3717,
0.3289


 67.7772, 0.3541,
0.3294

 15.1912, 0.3814,
0.3285


 89.7547, 0.3504,
0.3295

 8.9537, 0.3948,
0.3277


116.0334, 0.3473,
0.3295

 4.7110, 0.4147,
0.3261

146.9976, 0.3446,
0.3295

 2.0787, 0.4468,
0.3226

183.0318, 0.3423,
0.3296

 0.6526, 0.5590,
0.3346

224.5204, 0.3404,

 0.0000, 1.0000,

0.3296

0.0000

271.8478, 0.3387,
0.3296

0.0000, 0.0000,
0.0000

35.1882, 0.3644,
0.3292

35.1882, 0.3644,
0.3292

28.9591, 0.3945,
0.3293

42.5763, 0.3401,
0.3291

23.8257, 0.4312,
0.3294

51.1728, 0.3207,
0.3290

19.7261, 0.4742,
0.3296

61.0302, 0.3052,
0.3290

16.5902, 0.5215,
0.3297

72.1964, 0.2927,
0.3289

14.3394, 0.5683,
0.3299

84.7170, 0.2826,
0.3289

■ 12.8824, 0.6072,
0.3299

■ 90.6037, 0.2789,
0.3289

■ 12.1088, 0.6317,
0.3300

■ 11.8670, 0.6400,
0.3300

Harmonies

Analogous

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



35.1882, 0.3410, 0.3053



35.1882, 0.3644, 0.3292



35.1882, 0.3732, 0.3542

Triad

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



35.1882, 0.3644, 0.3292



35.1882, 0.3126, 0.3761



35.1882, 0.2623, 0.2831

Complementary

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



35.1882, 0.3644, 0.3292



50.2166, 0.2765, 0.3288

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.



35.1882, 0.2557, 0.2994



35.1882, 0.3644, 0.3292



35.1882, 0.2839, 0.3542

Square

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



35.1882, 0.3644, 0.3292



35.1882, 0.3424, 0.3832



35.1882, 0.2634, 0.3254



35.1882, 0.2819, 0.2792

Rectangle

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



35.1882, 0.3644, 0.3292



35.1882, 0.3695, 0.3686



35.1882, 0.2634, 0.3254



35.1882, 0.2586, 0.2872

Sweetspot

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



35.1898, 0.3644, 0.3292



88.0465, 0.3247, 0.3291



37.0690, 0.3156, 0.2679



18.6364, 0.3258, 0.3291



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.



35.1898, 0.3644, 0.3292



56.5584, 0.3805, 0.3293



43.6857, 0.3569, 0.3609



10.6382, 0.3290, 0.3291



7.8104, 0.6400, 0.3300



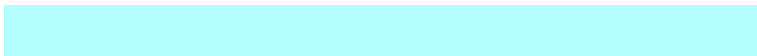
0.3703, 0.6398, 0.3302

Inverse Universe

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



50.2166, 0.2765, 0.3288



88.2262, 0.2693, 0.3288



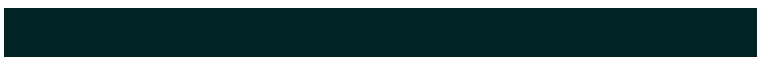
40.0081, 0.2736, 0.2948



12.0661, 0.2984, 0.3289



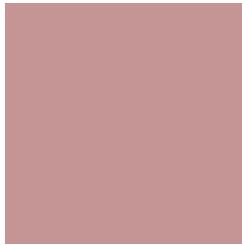
28.8717, 0.2246, 0.3285



1.3675, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 35.1882, 0.3644, 0.3292 looks on a white background.

Color Contrast Check

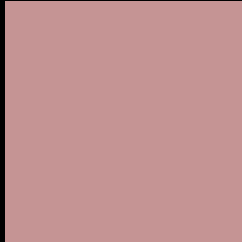
Large Text (above 18pt) WCAG AA × Fail

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 35.1882, 0.3644, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

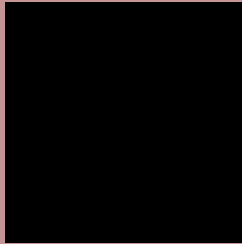
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1882, 0.3644, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 35.1882, 0.3644, 0.3292.



This preview shows how white text looks on a background with the Yxy color 35.1882, 0.3644, 0.3292.

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

35.1882, 0.3644, 0.3292

Protanopia

35.4740, 0.3230, 0.3378

Deuteranopia

35.3730, 0.3467, 0.3403



Tritanopia

35.3418, 0.3552, 0.3147

Trichromacy



Original Color

35.1882, 0.3644, 0.3292

Protanomaly

35.3910, 0.3375, 0.3347

Deuteranomaly

35.1279, 0.3538, 0.3360

Tritanomaly

35.2063, 0.3594, 0.3199

Monochromacy



Original Color

35.1882, 0.3644, 0.3292

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0363, 0.3294, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1882, 0.3644, 0.3292 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(197, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(197, 148, 148)  
}
```

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(197, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 148, 148) }
```

Border

The CSS property to change the border of an element to Yxy 35.1882, 0.3644, 0.3292 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(197, 148, 148) }
```

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

```
.border{ border-color:rgb(197, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(197, 148,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1882, 0.3644, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 148, 148) }
```

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

```
.background{ background-color: rgb(197,  
148, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor