

Converting Colors

$Yxy(36.0126, 0.3680, 0.3310)$

Have a look what the booklet for
Yxy(36.0126, 0.3680, 0.3310)
contains.

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Color

Yxy(35.9124, 0.3673, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	C89594
RGB	200, 149, 148
RGB Percent	78%, 58%, 58%
CMY	0.2157, 0.4157, 0.4197
CMYK	0.00, 0.25, 0.26, 0.22
HSL	1°, 32%, 68%
HSV	1°, 26%, 78%
XYZ	39.9111, 35.9124, 32.8373
YIQ	164.1350, 30.7170, 10.5010

Conversions

Conversions Part 2

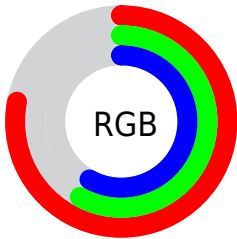
Format	Color
RYB	200, 149, 148
Decimal	13145492
CIELab	66.45, 19.02, 8.04
CIElCh	66, 20.645, 22.915
Yxy	35.9124, 0.3673, 0.3305
Android (android.graphics.Color)	4291335572 (0xFFC89594)
YUV	164.1350, -7.9546, 31.4536
Hunter-Lab	59.9270, 14.0081, 9.4606

Details

The Yxy color **35.9124, 0.3673, 0.3305** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.3004, 0.2749, 0.3275**, and the grayscale version is **37.2201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2361, 0.3544, 0.3302**, and **15.6182, 0.3858, 0.3310** is the 20% darker color. If you saturate the color by 10%, you get **29.6438, 0.3979, 0.3311**, and if you desaturate by 10%, it is **43.3381, 0.3426, 0.3299**.

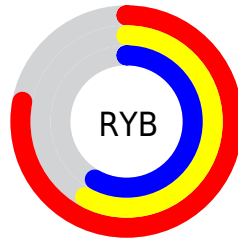
Distribution



Red (78%)

Green (58%)

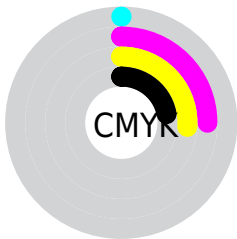
Blue (58%)



Red (78%)

Yellow (58%)

Blue (58%)

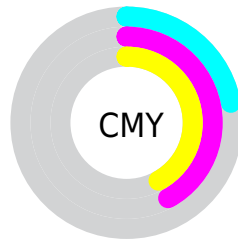


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9124, 0.3673, 0.3305 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 35.9124, 0.3673, 0.3305 by changing the saturation by 10% instead.

 35.9124, 0.3673,
0.3305


 35.9124, 0.3673,
0.3305


328.5775, 0.3386,
0.3302

 24.3665, 0.3750,
0.3304


 68.8968, 0.3565,
0.3305

 15.6057, 0.3851,
0.3301


 91.1042, 0.3526,
0.3305

 9.2456, 0.3991,
0.3295


117.6342, 0.3493,
0.3305

 4.9017, 0.4197,
0.3282

148.8712, 0.3465,
0.3304

 2.1897, 0.4528,
0.3250

185.1997, 0.3441,
0.3304

 0.7144, 0.5593,
0.3384

227.0040, 0.3420,


 0.0000, 1.0000,

0.3303


0.0000


274.6684, 0.3402,
0.3303


 0.0000, 0.0000,
0.0000

 35.9124, 0.3673,
0.3305


 35.9124, 0.3673,
0.3305


 29.6438, 0.3979,
0.3311


 43.3381, 0.3426,
0.3299


 24.4694, 0.4349,
0.3317


 51.9697, 0.3227,
0.3293


 20.3279, 0.4781,
0.3322

 61.8592, 0.3068,
0.3288

 17.1501, 0.5251,
0.3324

 73.0544, 0.2940,
0.3283

 14.8583, 0.5711,
0.3323

 85.6002, 0.2836,
0.3279

■ 13.3627, 0.6090,
0.3318

■ 91.0195, 0.2805,
0.3289

■ 12.5543, 0.6325,
0.3309

■ 12.3650, 0.6388,
0.3310

Harmonies

Analogous

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



35.9124, 0.3436, 0.3055



35.9124, 0.3673, 0.3305



35.9124, 0.3755, 0.3563

Triad

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



35.9124, 0.3673, 0.3305



35.9124, 0.3109, 0.3772



35.9124, 0.2612, 0.2808

Complementary

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



35.9124, 0.3673, 0.3305



51.3004, 0.2749, 0.3275

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.



35.9124, 0.2537, 0.2970



35.9124, 0.3673, 0.3305



35.9124, 0.2814, 0.3538

Square

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



35.9124, 0.3673, 0.3305



35.9124, 0.3420, 0.3853



35.9124, 0.2608, 0.3236



35.9124, 0.2821, 0.2775

Rectangle

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



35.9124, 0.3673, 0.3305



35.9124, 0.3710, 0.3710



35.9124, 0.2608, 0.3236



35.9124, 0.2571, 0.2848

Sweetspot

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



35.9141, 0.3673, 0.3305



86.6528, 0.3265, 0.3294



37.5834, 0.3165, 0.2659



18.0443, 0.3294, 0.3295



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.



35.9141, 0.3673, 0.3305



56.0376, 0.3831, 0.3308



45.0220, 0.3590, 0.3635



10.6698, 0.3289, 0.3295



7.8774, 0.6384, 0.3313



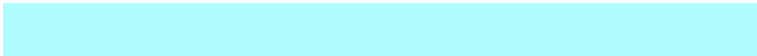
0.3850, 0.6325, 0.3360

Inverse Universe

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



51.3004, 0.2749, 0.3275



86.9748, 0.2679, 0.3272



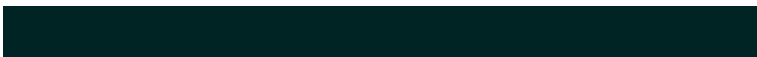
40.3993, 0.2716, 0.2918



12.0303, 0.2984, 0.3285



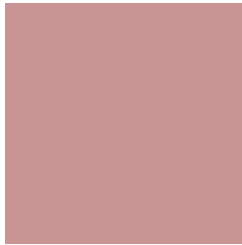
27.7880, 0.2230, 0.3228



1.3274, 0.2234, 0.3241

Previews

White Background



This preview shows how the Yxy color 35.9124, 0.3673, 0.3305 looks on a white background.

Color Contrast Check

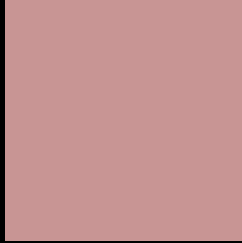
Large Text (above 18pt) WCAG AA × Fail

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 35.9124, 0.3673, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

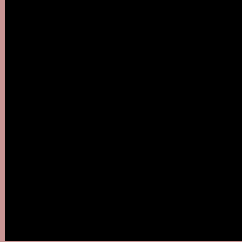
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9124, 0.3673, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 35.9124, 0.3673, 0.3305.



This preview shows how white text looks on a background with the Yxy color 35.9124, 0.3673, 0.3305.

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

35.9124, 0.3673, 0.3305

Protanopia

35.9633, 0.3229, 0.3377

Deuteranopia

35.9508, 0.3486, 0.3416



Tritanopia

35.7881, 0.3573, 0.3136

Trichromacy



Original Color

35.9124, 0.3673, 0.3305

Protanomaly

35.8459, 0.3383, 0.3361

Deuteranomaly

35.7079, 0.3556, 0.3373

Tritanomaly

35.9639, 0.3612, 0.3200

Monochromacy



Original Color

35.9124, 0.3673, 0.3305

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6120, 0.3313, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9124, 0.3673, 0.3305 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(200, 149, 148)` looks like.

```
.text, #text, p{  
    color:rgb(200, 149, 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(200, 149, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 149, 148) }
```

Border

The CSS property to change the border of an element to Yxy 35.9124, 0.3673, 0.3305 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(200, 149, 148) }
```

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

```
.border{ border-color:rgb(200, 149, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 149, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 149, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 149, 148);  
box-shadow:4px 4px 4px 4px rgb(200, 149,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9124, 0.3673, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 149, 148) }
```

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

```
.background{ background-color: rgb(200,  
149, 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](#).

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