

Converting Colors

$Yxy(40.2456, 0.3701, 0.3296)$

Have a look what the booklet for
Yxy(40.2456, 0.3701, 0.3296)
contains.

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Color

Yxy(40.3234, 0.3700, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	D59C9C
RGB	213, 156, 156
RGB Percent	84%, 61%, 61%
CMY	0.1649, 0.3881, 0.3883
CMYK	0.00, 0.27, 0.27, 0.16
HSL	0°, 40%, 72%
HSV	0°, 27%, 84%
XYZ	45.3210, 40.3234, 36.8447
YIQ	173.0430, 33.9720, 12.0840

Conversions

Conversions Part 2

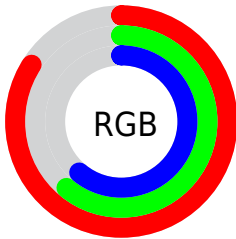
Format	Color
R _Y B	213, 156, 156
Decimal	13999260
CIE Lab	69.70, 21.23, 8.39
CIE LCh	70, 22.826, 21.559
Yxy	40.3234, 0.3700, 0.3292
Android (android.graphics.Color)	4292189340 (0xFFD59C9C)
YUV	173.0430, -8.4022, 35.0423
Hunter-Lab	63.5007, 16.2706, 10.0489

Details

The Yxy color **40.3234, 0.3700, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.4245, 0.2739, 0.3289**, and the grayscale version is **41.8431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5017, 0.3468, 0.3301**, and **18.0886, 0.3876, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **33.1360, 0.4016, 0.3293**, and if you desaturate by 10%, it is **48.8929, 0.3445, 0.3291**.

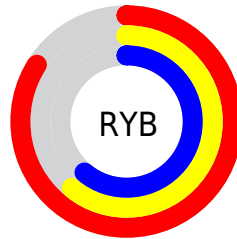
Distribution



Red (84%)

Green (61%)

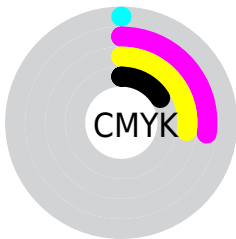
Blue (61%)



Red (84%)

Yellow (61%)

Blue (61%)

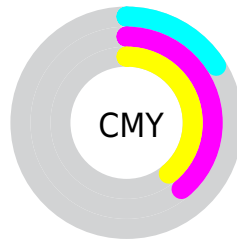


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (16%)



Cyan (16%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.3234, 0.3700, 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 40.3234, 0.3700, 0.3292 by changing the saturation by 10% instead.


 40.3234, 0.3700,
0.3292


 40.3234, 0.3700,
0.3292


347.4848, 0.3404,
0.3296

 27.7908, 0.3777,
0.3289


 75.6557, 0.3590,
0.3295

 18.1680, 0.3877,
0.3284


 99.2242, 0.3550,
0.3296

 11.0707, 0.4014,
0.3275


127.2401, 0.3516,
0.3296

 6.1144, 0.4210,
0.3259

160.0879, 0.3487,
0.3296

 2.9148, 0.4515,
0.3223

198.1518, 0.3462,
0.3297

 1.0874, 0.5115,
0.3180


241.8163, 0.3440,

 0.0000, 1.0000,


0.3297


0.0000

291.4659, 0.3421,
0.3297


 0.0000, 0.0000,
0.0000


 40.3234, 0.3700,
0.3292


 40.3234, 0.3700,
0.3292

 33.1360, 0.4016,
0.3293


 48.8929, 0.3445,
0.3291


 27.2530, 0.4399,
0.3294


 58.9055, 0.3241,
0.3290

 22.5980, 0.4843,
0.3296

 70.4253, 0.3078,
0.3290

 19.0841, 0.5322,
0.3297

 83.5112, 0.2948,
0.3289

 16.6131, 0.5781,
0.3298

 92.8803, 0.2877,
0.3289

■ 15.0704, 0.6144,
0.3299

■ 14.3079, 0.6352,
0.3300

■ 14.1425, 0.6400,
0.3300

Harmonies

Analogous

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



40.3234, 0.3441, 0.3030



40.3234, 0.3700, 0.3292



40.3234, 0.3796, 0.3567

Triad

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



40.3234, 0.3700, 0.3292



40.3234, 0.3122, 0.3812



40.3234, 0.2574, 0.2783

Complementary

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



40.3234, 0.3700, 0.3292



59.4245, 0.2739, 0.3289

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.



40.3234, 0.2501, 0.2960



40.3234, 0.3700, 0.3292



40.3234, 0.2806, 0.3568

Square

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



40.3234, 0.3700, 0.3292



40.3234, 0.3451, 0.3890



40.3234, 0.2583, 0.3246



40.3234, 0.2789, 0.2743

Rectangle

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



40.3234, 0.3700, 0.3292



40.3234, 0.3753, 0.3726



40.3234, 0.2583, 0.3246



40.3234, 0.2533, 0.2827

Sweetspot

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



40.3253, 0.3700, 0.3292



86.4286, 0.3266, 0.3291



42.7180, 0.3158, 0.2629



17.9885, 0.3295, 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.



40.3253, 0.3700, 0.3292



54.3486, 0.3868, 0.3293



51.0205, 0.3611, 0.3636



12.4218, 0.3291, 0.3291



8.6429, 0.6400, 0.3300



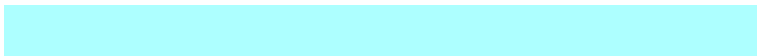
0.5216, 0.6399, 0.3301

Inverse Universe

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



59.4245, 0.2739, 0.3289



87.6447, 0.2668, 0.3288



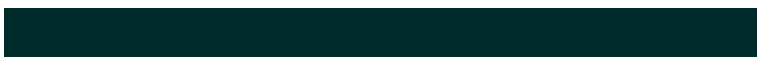
46.3497, 0.2703, 0.2917



14.1068, 0.2983, 0.3289



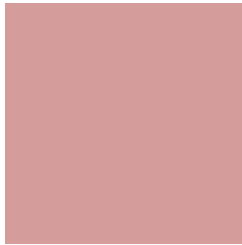
31.9725, 0.2246, 0.3286



1.9288, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 40.3234, 0.3700, 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 40.3234, 0.3700, 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 40.3234, 0.3700, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 40.3234, 0.3700, 0.3292.



This preview shows how white text looks on a background with the Yxy color 40.3234, 0.3700, 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

40.3234, 0.3700, 0.3292

Protanopia

40.5078, 0.3233, 0.3387

Deuteranopia

40.2215, 0.3498, 0.3423



Tritanopia

40.1605, 0.3615, 0.3144

Trichromacy



Original Color

40.3234, 0.3700, 0.3292

Protanomaly

40.2671, 0.3401, 0.3357

Deuteranomaly

40.1357, 0.3566, 0.3369

Tritanomaly

40.3475, 0.3653, 0.3206

Monochromacy



Original Color

40.3234, 0.3700, 0.3292

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1188, 0.3324, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3234, 0.3700, 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(213, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(213, 156, 156)  
}
```

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(213, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 156, 156) }
```

Border

The CSS property to change the border of an element to Yxy 40.3234, 0.3700, 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(213, 156, 156) }
```

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

```
.border{ border-color:rgb(213, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(213, 156,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3234, 0.3700, 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(213, 156, 156) }
```

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

```
.background{ background-color: rgb(213,  
156, 156) }
```

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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