

Converting Colors

$Yxy(40.8185, 0.3876, 0.3285)$

Have a look what the booklet for
Yxy(40.8185, 0.3876, 0.3285)
contains.

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Color

Yxy(40.9251, 0.3875, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	E29899
RGB	226, 152, 153
RGB Percent	89%, 60%, 60%
CMY	0.1136, 0.4040, 0.3999
CMYK	0.00, 0.33, 0.32, 0.11
HSL	359°, 56%, 74%
HSV	359°, 33%, 89%
XYZ	48.3490, 40.9251, 35.4975
YIQ	174.2400, 43.7830, 15.9990

Conversions

Conversions Part 2

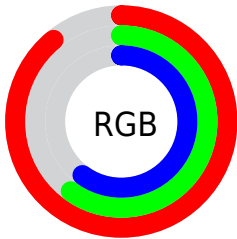
Format	Color
R_{YB}	226, 152, 153
Decimal	14850201
CIE _{Lab}	70.12, 27.91, 10.84
CIE _{LCh}	70, 29.944, 21.221
Yxy	40.9251, 0.3875, 0.3280
Android (android.graphics.Color)	4293040281 (0xFFE29899)
YUV	174.2400, -10.4713, 45.3935
Hunter-Lab	63.9727, 22.9536, 11.8818

Details

The Yxy color **40.9251, 0.3875, 0.3280** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.5162, 0.2667, 0.3301**, and the grayscale version is **42.4970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3906, 0.3498, 0.3291**, and **18.5087, 0.4110, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **33.6074, 0.4228, 0.3277**, and if you desaturate by 10%, it is **49.7821, 0.3587, 0.3283**.

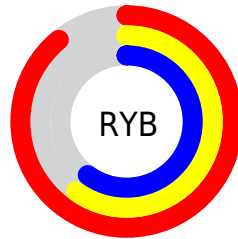
Distribution



Red (89%)

Green (60%)

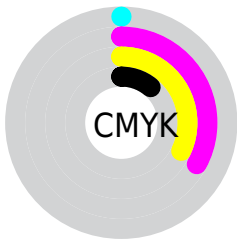
Blue (60%)



Red (89%)

Yellow (60%)

Blue (60%)

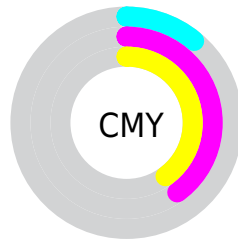


Cyan (0%)

Magenta (33%)

Yellow (32%)

Black (11%)



Cyan (11%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9251, 0.3875, 0.3280 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 40.9251, 0.3875, 0.3280 by changing the saturation by 10% instead.


 40.9251, 0.3875,
0.3280


 40.9251, 0.3875,
0.3280


350.0075, 0.3489,
0.3294

 28.2606, 0.3975,
0.3273


 76.5702, 0.3732,
0.3287

 18.5222, 0.4105,
0.3263


 100.3195, 0.3679,
0.3290

 11.3255, 0.4280,
0.3245


128.5326, 0.3635,
0.3291

 6.2862, 0.4531,
0.3214

161.5937, 0.3597,
0.3292

 3.0199, 0.4914,
0.3152

199.8874, 0.3565,
0.3293

 1.1421, 0.5680,
0.3075

243.7980, 0.3536,

 0.0137, 0.9807,

0.3294

0.0193

293.7099, 0.3511,
0.3294

0.0000, 0.0000,
0.0000

40.9251, 0.3875,
0.3280

40.9251, 0.3875,
0.3280

33.6074, 0.4228,
0.3277

49.7821, 0.3587,
0.3283

27.7359, 0.4646,
0.3276

60.2531, 0.3356,
0.3286

23.2164, 0.5114,
0.3276

72.4148, 0.3171,
0.3289

19.9413, 0.5589,
0.3279

86.3372, 0.3024,
0.3292

17.7865, 0.6001,
0.3284

94.9126, 0.2952,
0.3289

■ 16.6025, 0.6280,
0.3291

■ 16.1795, 0.6389,
0.3293

Harmonies

Analogous

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



40.9251, 0.3530, 0.2951



40.9251, 0.3875, 0.3280



40.9251, 0.4002, 0.3631

Triad

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



40.9251, 0.3875, 0.3280



40.9251, 0.3118, 0.3987



40.9251, 0.2414, 0.2636

Complementary

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



40.9251, 0.3875, 0.3280



66.5162, 0.2667, 0.3301

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.



40.9251, 0.2324, 0.2856



40.9251, 0.3875, 0.3280



40.9251, 0.2711, 0.3660

Square

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



40.9251, 0.3875, 0.3280



40.9251, 0.3546, 0.4077



40.9251, 0.2428, 0.3229



40.9251, 0.2683, 0.2590

Rectangle

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



40.9251, 0.3875, 0.3280



40.9251, 0.3943, 0.3842



40.9251, 0.2428, 0.3229



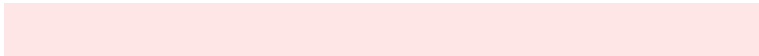
40.9251, 0.2363, 0.2690

Sweetspot

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



40.9271, 0.3875, 0.3280



83.2808, 0.3302, 0.3287



43.9199, 0.3154, 0.2476



17.3621, 0.3330, 0.3287



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.



40.9271, 0.3875, 0.3280



47.3183, 0.4097, 0.3278



54.3093, 0.3751, 0.3705



13.7036, 0.3290, 0.3287



9.2297, 0.6385, 0.3291



0.6409, 0.6339, 0.3266

Inverse Universe

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



40.9271, 0.3875, 0.3280



47.3183, 0.4097, 0.3278



49.0986, 0.2605, 0.2833



13.7036, 0.3290, 0.3287



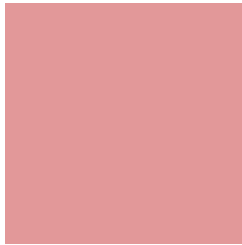
9.2297, 0.6385, 0.3291



0.6409, 0.6339, 0.3266

Previews

White Background



This preview shows how the Yxy color 40.9251, 0.3875, 0.3280 looks on a white background.

Color Contrast Check

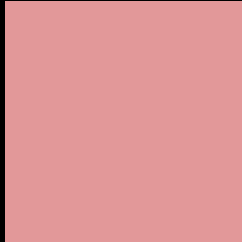
Large Text (above 18pt) WCAG AA × Fail

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 40.9251, 0.3875, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

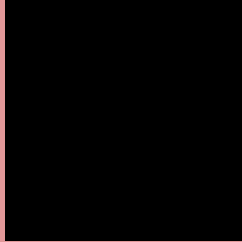
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9251, 0.3875, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 40.9251, 0.3875, 0.3280.



This preview shows how white text looks on a background with the Yxy color 40.9251, 0.3875, 0.3280.

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

40.9251, 0.3875, 0.3280

Protanopia

41.1173, 0.3250, 0.3400

Deuteranopia

40.8804, 0.3553, 0.3475



Tritanopia

41.0727, 0.3794, 0.3163

Trichromacy



Original Color

40.9251, 0.3875, 0.3280

Protanomaly

40.6562, 0.3471, 0.3356

Deuteranomaly

40.6740, 0.3668, 0.3393

Tritanomaly

40.9673, 0.3826, 0.3198

Monochromacy



Original Color

40.9251, 0.3875, 0.3280

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.3631, 0.3382, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9251, 0.3875, 0.3280 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(226, 152, 153)` looks like.

```
.text, #text, p{  
    color:rgb(226, 152, 153)  
}
```

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(226, 152, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 152, 153) }
```

Border

The CSS property to change the border of an element to Yxy 40.9251, 0.3875, 0.3280 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(226, 152, 153) }
```

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

```
.border{ border-color:rgb(226, 152, 153) }
```

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

Here you see how a box with a 4 pixel rgb(226, 152, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 152, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 152, 153);  
box-shadow:4px 4px 4px 4px rgb(226, 152,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9251, 0.3875, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 152, 153) }
```

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

```
.background{ background-color: rgb(226,  
152, 153) }
```

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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