

Converting Colors

$Y_{xy}(40.4808, 0.3903, 0.3293)$

Have a look what the booklet for
Yxy(40.4808, 0.3903, 0.3293)
contains.

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Color

Yxy(40.5363, 0.3900, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	E29797
RGB	226, 151, 151
RGB Percent	89%, 59%, 59%
CMY	0.1136, 0.4079, 0.4078
CMYK	0.00, 0.33, 0.33, 0.11
HSL	360°, 56%, 74%
HSV	360°, 33%, 89%
XYZ	48.0230, 40.5363, 34.5765
YIQ	173.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

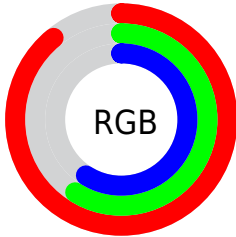
Format	Color
R _Y B	226, 151, 151
Decimal	14849943
CIE Lab	69.85, 28.19, 11.57
CIE LCh	70, 30.474, 22.309
Yxy	40.5363, 0.3900, 0.3292
Android (android.graphics.Color)	4293040023 (0xFFE29797)
YUV	173.4250, -11.0555, 46.1083
Hunter-Lab	63.6681, 23.2180, 12.3688

Details

The Yxy color $40.5363, 0.3900, 0.3292$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $66.4757, 0.2656, 0.3289$, and the grayscale version is $42.0594, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.8104, 0.3515, 0.3301$, and $18.2788, 0.4146, 0.3278$ is the 20% darker color. If you saturate the color by 10%, you get $33.2825, 0.4261, 0.3293$, and if you desaturate by 10%, it is $49.3292, 0.3605, 0.3291$.

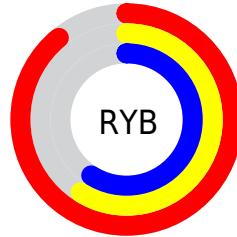
Distribution



Red (89%)

Green (59%)

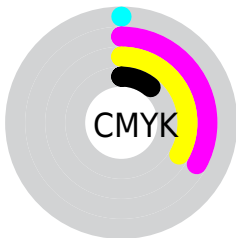
Blue (59%)



Red (89%)

Yellow (59%)

Blue (59%)

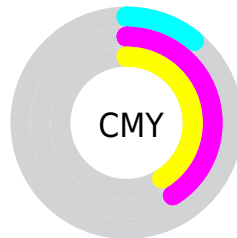


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (11%)



Cyan (11%)


Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5363, 0.3900, 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 40.5363, 0.3900, 0.3292 by changing the saturation by 10% instead.


 40.5363, 0.3900,
0.3292


 40.5363, 0.3900,
0.3292


348.3788, 0.3501,
0.3301

 27.9569, 0.4003,
0.3286


 75.9795, 0.3752,
0.3298

 18.2932, 0.4138,
0.3277


 99.6121, 0.3697,
0.3299

 11.1607, 0.4321,
0.3261


127.6979, 0.3651,
0.3300

 6.1750, 0.4581,
0.3231

160.6213, 0.3612,
0.3301

 2.9518, 0.4979,
0.3168

198.7667, 0.3579,
0.3301

 1.1066, 0.5822,
0.3113

242.5185, 0.3549,


 0.0000, 1.0000,


0.3301

0.0000

292.2611, 0.3524,
0.3301


 0.0000, 0.0000,
0.0000

 40.5363, 0.3900,
0.3292


 40.5363, 0.3900,
0.3292


 33.2825, 0.4261,
0.3293

 49.3292, 0.3605,
0.3291

 27.4739, 0.4688,
0.3294


 59.7365, 0.3368,
0.3291


 23.0156, 0.5162,
0.3296

 71.8353, 0.3179,
0.3290

 19.7987, 0.5637,
0.3297

 85.6963, 0.3028,
0.3290

 17.6978, 0.6041,
0.3298

 94.9127, 0.2952,
0.3289

■ 16.5608, 0.6303,
0.3299

■ 16.1728, 0.6401,
0.3300

Harmonies

Analogous

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



40.5363, 0.3554, 0.2955



40.5363, 0.3900, 0.3292



40.5363, 0.4020, 0.3650

Triad

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



40.5363, 0.3900, 0.3292



40.5363, 0.3101, 0.3994



40.5363, 0.2407, 0.2618

Complementary

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



40.5363, 0.3900, 0.3292



66.4757, 0.2656, 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.



40.5363, 0.2308, 0.2836



40.5363, 0.3900, 0.3292



40.5363, 0.2689, 0.3653

Square

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



40.5363, 0.3900, 0.3292



40.5363, 0.3539, 0.4095



40.5363, 0.2406, 0.3211



40.5363, 0.2687, 0.2578

Rectangle

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



40.5363, 0.3900, 0.3292



40.5363, 0.3953, 0.3862



40.5363, 0.2406, 0.3211



40.5363, 0.2353, 0.2671

Sweetspot

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



40.5383, 0.3900, 0.3292



83.2612, 0.3304, 0.3290



43.5943, 0.3155, 0.2466



17.3574, 0.3333, 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.



40.5383, 0.3900, 0.3292



46.3433, 0.4148, 0.3293



54.0569, 0.3761, 0.3711



13.7006, 0.3292, 0.3290



9.2244, 0.6400, 0.3300



0.6394, 0.6400, 0.3299

Inverse Universe

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



40.5383, 0.3900, 0.3292



46.3433, 0.4148, 0.3293



48.7935, 0.2598, 0.2826



13.7006, 0.3292, 0.3290



9.2244, 0.6400, 0.3300



0.6394, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 40.5363, 0.3900, 0.3292 looks on a white background.

Color Contrast Check

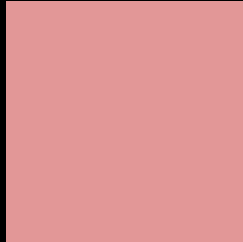
Large Text (above 18pt) WCAG AA × Fail

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 40.5363, 0.3900, 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 40.5363, 0.3900, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 40.5363, 0.3900, 0.3292.



This preview shows how white text looks on a background with the Yxy color 40.5363, 0.3900, 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

40.5363, 0.3900, 0.3292

Protanopia

40.5528, 0.3259, 0.3414

Deuteranopia

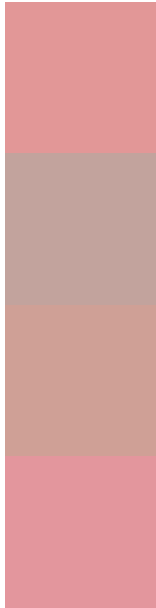
40.8160, 0.3572, 0.3501



Tritanopia

40.3990, 0.3811, 0.3151

Trichromacy



Original Color

40.5363, 0.3900, 0.3292

Protanomaly

40.0980, 0.3482, 0.3370

Deuteranomaly

40.6090, 0.3688, 0.3418

Tritanomaly

40.5779, 0.3850, 0.3210

Monochromacy



Original Color

40.5363, 0.3900, 0.3292

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8333, 0.3384, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5363, 0.3900, 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(226, 151, 151)` looks like.

```
.text, #text, p{  
    color:rgb(226, 151, 151)  
}
```

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, 151, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 151, 151) }
```

Border

The CSS property to change the border of an element to Yxy 40.5363, 0.3900, 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(226, 151, 151) }
```

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

```
.border{ border-color:rgb(226, 151, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 151, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 151, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 151, 151);  
box-shadow:4px 4px 4px 4px rgb(226, 151,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5363, 0.3900, 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(226, 151, 151) }
```

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

```
.background{ background-color: rgb(226,  
151, 151) }
```

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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