

Converting Colors

$Y_{xy}(40.5061, 0.4012, 0.3361)$

Have a look what the booklet for
Yxy(40.5061, 0.4012, 0.3361)
contains.

Yxy(40.4843, 0.4008, 0.3363)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(40.4843, 0.4008, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	E59690
RGB	229, 150, 144
RGB Percent	90%, 59%, 56%
CMY	0.1020, 0.4117, 0.4354
CMYK	0.00, 0.34, 0.37, 0.10
HSL	4°, 62%, 73%
HSV	4°, 37%, 90%
XYZ	48.2489, 40.4843, 31.6483
YIQ	172.9370, 49.0100, 14.8820

Conversions

Conversions Part 2

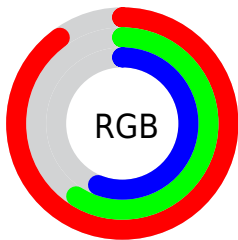
Format	Color
R _Y B	229, 150, 144
Decimal	15046288
CIE Lab	69.81, 28.98, 15.47
CIE LCh	70, 32.847, 28.099
Yxy	40.4843, 0.4008, 0.3363
Android (android.graphics.Color)	4293236368 (0xFFE59690)
YUV	172.9370, -14.2659, 49.1673
Hunter-Lab	63.6273, 24.0098, 15.0482

Details

The Yxy color **40.4843, 0.4008, 0.3363** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.3330, 0.2599, 0.3214**, and the grayscale version is **41.8113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9999, 0.3571, 0.3363**, and **18.2014, 0.4272, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **33.6709, 0.4377, 0.3382**, and if you desaturate by 10%, it is **48.6760, 0.3701, 0.3343**.

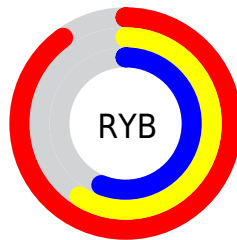
Distribution



Red (90%)

Green (59%)

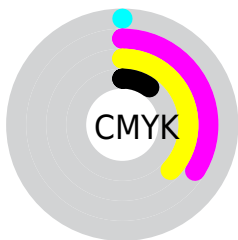
Blue (56%)



Red (90%)

Yellow (59%)

Blue (56%)

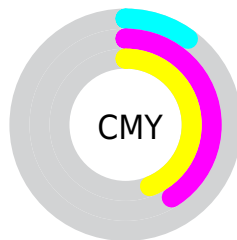


Cyan (0%)

Magenta (34%)

Yellow (37%)

Black (10%)



Cyan (10%)


Magenta (41%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4843, 0.4008, 0.3363 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 40.4843, 0.4008, 0.3363 by changing the saturation by 10% instead.


 40.4843, 0.4008,
0.3363


 40.4843, 0.4008,
0.3363


348.1606, 0.3553,
0.3340

 27.9163, 0.4126,
0.3364


 75.9004, 0.3839,
0.3358

 18.2626, 0.4279,
0.3363


 99.5174, 0.3777,
0.3355

 11.1387, 0.4486,
0.3355


127.5861, 0.3725,
0.3352

 6.1602, 0.4778,
0.3334

160.4911, 0.3680,
0.3349

 2.9427, 0.5220,
0.3278

198.6166, 0.3641,
0.3347

 1.1019, 0.6354,
0.3339

242.3471, 0.3608,

 0.0000, 1.0000,

0.3344

0.0000

292.0670, 0.3579,
0.3342

0.0000, 0.0000,
0.0000

40.4843, 0.4008,
0.3363

40.4843, 0.4008,
0.3363

33.6709, 0.4377,
0.3382

48.6760, 0.3701,
0.3343

28.1546, 0.4803,
0.3395

58.3098, 0.3450,
0.3322

23.8546, 0.5265,
0.3400

69.4524, 0.3247,
0.3303

20.6790, 0.5713,
0.3393

82.1649, 0.3084,
0.3285

18.5223, 0.6082,
0.3370

95.3957, 0.2970,
0.3290

■ 17.2586, 0.6313,
0.3338

■ 17.0340, 0.6359,
0.3333

Harmonies

Analogous

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



40.4843, 0.3673, 0.2994



40.4843, 0.4008, 0.3363



40.4843, 0.4081, 0.3742

Triad

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



40.4843, 0.4008, 0.3363



40.4843, 0.3005, 0.4000



40.4843, 0.2398, 0.2546

Complementary

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



40.4843, 0.4008, 0.3363



64.3330, 0.2599, 0.3214

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.



40.4843, 0.2254, 0.2739



40.4843, 0.4008, 0.3363



40.4843, 0.2583, 0.3592

Square

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



40.4843, 0.4008, 0.3363



40.4843, 0.3480, 0.4163



40.4843, 0.2317, 0.3114



40.4843, 0.2730, 0.2540

Rectangle

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



40.4843, 0.4008, 0.3363



40.4843, 0.3973, 0.3959



40.4843, 0.2317, 0.3114



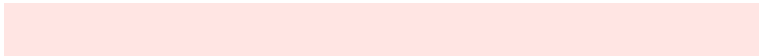
40.4843, 0.2328, 0.2589

Sweetspot

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



40.4863, 0.4008, 0.3363



82.8095, 0.3322, 0.3310



41.9411, 0.3220, 0.2427



17.3074, 0.3349, 0.3313



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.



40.4863, 0.4008, 0.3363



44.4654, 0.4304, 0.3378



56.4340, 0.3826, 0.3840



14.5314, 0.3291, 0.3307



9.8038, 0.6347, 0.3343



0.7824, 0.6204, 0.3456

Inverse Universe

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



64.3330, 0.2599, 0.3214



79.2489, 0.2505, 0.3195



44.5568, 0.2520, 0.2665



16.1519, 0.2982, 0.3273



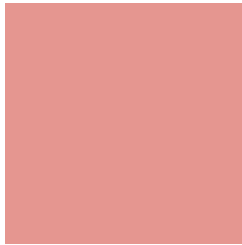
30.4440, 0.2185, 0.3067



2.3025, 0.2195, 0.3102

Previews

White Background



This preview shows how the Yxy color 40.4843, 0.4008, 0.3363 looks on a white background.

Color Contrast Check

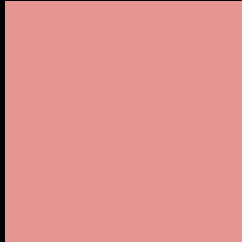
Large Text (above 18pt) WCAG AA × Fail

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 40.4843, 0.4008, 0.3363 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 40.4843, 0.4008, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 40.4843, 0.4008, 0.3363.



This preview shows how white text looks on a background with the Yxy color 40.4843, 0.4008, 0.3363.

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

40.4843, 0.4008, 0.3363

Protanopia

40.5475, 0.3340, 0.3511

Deuteranopia

40.4798, 0.3672, 0.3592



Tritanopia

40.5060, 0.3866, 0.3165

Trichromacy



Original Color

40.4843, 0.4008, 0.3363

Protanomaly

40.2667, 0.3579, 0.3462

Deuteranomaly

40.3046, 0.3791, 0.3506

Tritanomaly

40.6510, 0.3915, 0.3234

Monochromacy



Original Color

40.4843, 0.4008, 0.3363

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8564, 0.3421, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4843, 0.4008, 0.3363 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(229, 150, 144)` looks like.

```
.text, #text, p{  
    color:rgb(229, 150, 144)  
}
```

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(229, 150, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 150, 144) }
```

Border

The CSS property to change the border of an element to Yxy 40.4843, 0.4008, 0.3363 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(229, 150, 144) }
```

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

```
.border{ border-color:rgb(229, 150, 144) }
```

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

Here you see how a box with a 4 pixel rgb(229, 150, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 150, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 150, 144);  
box-shadow:4px 4px 4px 4px rgb(229, 150,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4843, 0.4008, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 150, 144) }
```

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

```
.background{ background-color: rgb(229,  
150, 144) }
```

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