

Converting Colors

$Y_{xy}(40.2633, 0.4016, 0.3350)$

Have a look what the booklet for
Yxy(40.2633, 0.4016, 0.3350)
contains.

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Color

Yxy(40.1665, 0.4012, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	E59590
RGB	229, 149, 144
RGB Percent	90%, 58%, 56%
CMY	0.1021, 0.4156, 0.4352
CMYK	0.00, 0.35, 0.37, 0.10
HSL	4°, 62%, 73%
HSV	4°, 37%, 90%
XYZ	48.0895, 40.1665, 31.6082
YIQ	172.3500, 49.2850, 15.4050

Conversions

Conversions Part 2

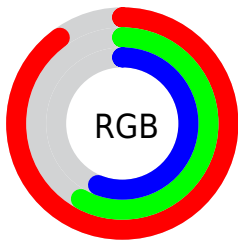
Format	Color
R _Y B	229, 149, 144
Decimal	15046032
CIE Lab	69.59, 29.51, 15.14
CIE LCh	70, 33.163, 27.161
Yxy	40.1665, 0.4012, 0.3351
Android (android.graphics.Color)	4293236112 (0xFFE59590)
YUV	172.3500, -13.9765, 49.6821
Hunter-Lab	63.3770, 24.5332, 14.7941

Details

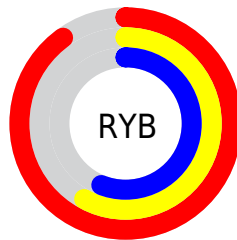
The Yxy color **40.1665, 0.4012, 0.3351** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.8815, 0.2601, 0.3227**, and the grayscale version is **41.4965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5229, 0.3574, 0.3353**, and **18.0155, 0.4279, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **33.3375, 0.4384, 0.3367**, and if you desaturate by 10%, it is **48.4029, 0.3702, 0.3334**.

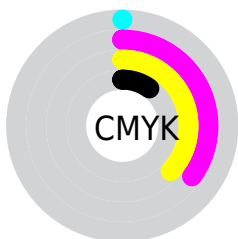
Distribution



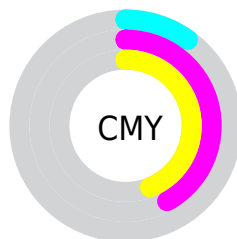
- Red (90%)
- Green (58%)
- Blue (56%)



- Red (90%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (35%)
- Yellow (37%)
- Black (10%)





- Cyan (10%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1665, 0.4012, 0.3351 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 40.1665, 0.4012, 0.3351 by changing the saturation by 10% instead.


 40.1665, 0.4012,
0.3351


 40.1665, 0.4012,
0.3351


346.8248, 0.3554,
0.3334

 27.6684, 0.4131,
0.3351


 75.4170, 0.3842,
0.3348

 18.0758, 0.4285,
0.3347


 98.9381, 0.3779,
0.3346

 11.0044, 0.4494,
0.3337


126.9024, 0.3727,
0.3344

 6.0698, 0.4790,
0.3312

159.6943, 0.3682,
0.3342

 2.8876, 0.5237,
0.3250

197.6980, 0.3643,
0.3340

 1.0733, 0.6396,
0.3304

241.2981, 0.3610,

 0.0000, 1.0000,

0.3338

0.0000

290.8789, 0.3580,
0.3336

■ 0.0000, 0.0000,
0.0000

■ 40.1665, 0.4012,
0.3351

■ 40.1665, 0.4012,
0.3351

■ 33.3375, 0.4384,
0.3367

■ 48.4029, 0.3702,
0.3334

■ 27.8316, 0.4815,
0.3378

■ 58.1130, 0.3451,
0.3317

■ 23.5649, 0.5280,
0.3382

■ 69.3660, 0.3247,
0.3301

■ 20.4412, 0.5730,
0.3375

■ 82.2252, 0.3083,
0.3286

■ 18.3503, 0.6098,
0.3357

■ 95.3940, 0.2970,
0.3290

■ 17.1593, 0.6324,
0.3330

■ 16.9546, 0.6367,
0.3326

Harmonies

Analogous

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



40.1665, 0.3666, 0.2980



40.1665, 0.4012, 0.3351



40.1665, 0.4095, 0.3735

Triad

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



40.1665, 0.4012, 0.3351



40.1665, 0.3018, 0.4019



40.1665, 0.2382, 0.2540

Complementary

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



40.1665, 0.4012, 0.3351



64.8815, 0.2601, 0.3227

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.



40.1665, 0.2243, 0.2742



40.1665, 0.4012, 0.3351



40.1665, 0.2588, 0.3611

Square

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



40.1665, 0.4012, 0.3351



40.1665, 0.3499, 0.4174



40.1665, 0.2313, 0.3125



40.1665, 0.2712, 0.2529

Rectangle

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



40.1665, 0.4012, 0.3351



40.1665, 0.3991, 0.3957



40.1665, 0.2313, 0.3125



40.1665, 0.2313, 0.2586

Sweetspot

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



40.1685, 0.4012, 0.3351



82.6222, 0.3322, 0.3307



42.0256, 0.3208, 0.2414



17.2632, 0.3350, 0.3309



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.



40.1685, 0.4012, 0.3351



44.0315, 0.4311, 0.3364



55.8172, 0.3831, 0.3824



14.5035, 0.3291, 0.3304



9.7526, 0.6356, 0.3335



0.7690, 0.6236, 0.3431

Inverse Universe

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



64.8815, 0.2601, 0.3227



80.0994, 0.2508, 0.3211



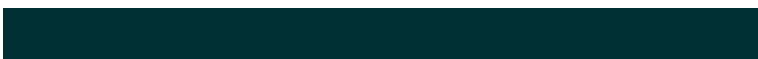
45.1428, 0.2523, 0.2685



16.1832, 0.2982, 0.3276



31.2338, 0.2196, 0.3106



2.3525, 0.2204, 0.3134

Previews

White Background



This preview shows how the Yxy color 40.1665, 0.4012, 0.3351 looks on a white background.

Color Contrast Check

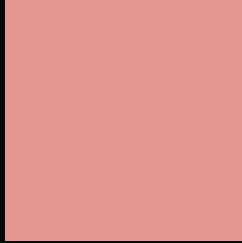
Large Text (above 18pt) WCAG AA × Fail

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 40.1665, 0.4012, 0.3351 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 40.1665, 0.4012, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 40.1665, 0.4012, 0.3351.



This preview shows how white text looks on a background with the Yxy color 40.1665, 0.4012, 0.3351.

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

40.1665, 0.4012, 0.3351

Protanopia

40.4631, 0.3321, 0.3498

Deuteranopia

40.3443, 0.3662, 0.3593



Tritanopia

40.1591, 0.3880, 0.3165

Trichromacy



Original Color

40.1665, 0.4012, 0.3351

Protanomaly

39.8108, 0.3562, 0.3436

Deuteranomaly

40.3046, 0.3791, 0.3506

Tritanomaly

40.3027, 0.3930, 0.3234

Monochromacy



Original Color

40.1665, 0.4012, 0.3351

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.4970, 0.3423, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1665, 0.4012, 0.3351 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, 149, 144)` looks like.

```
.text, #text, p{  
    color:rgb(229, 149, 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, 149, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 149, 144) }
```

Border

The CSS property to change the border of an element to Yxy 40.1665, 0.4012, 0.3351 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, 149, 144) }
```

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

```
.border{ border-color:rgb(229, 149, 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, 149, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 149, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 149, 144);  
box-shadow:4px 4px 4px 4px rgb(229, 149,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1665, 0.4012, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 149, 144) }
```

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

```
.background{ background-color: rgb(229,  
149, 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](#).

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