

Converting Colors

$Yxy(39.8456, 0.4019, 0.3325)$

Have a look what the booklet for
Yxy(39.8456, 0.4019, 0.3325)
contains.

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Color

Yxy(40.0471, 0.4016, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	E69491
RGB	230, 148, 145
RGB Percent	90%, 58%, 57%
CMY	0.0981, 0.4195, 0.4315
CMYK	0.00, 0.36, 0.37, 0.10
HSL	2°, 63%, 74%
HSV	2°, 37%, 90%
XYZ	48.3261, 40.0471, 31.9607
YIQ	172.1760, 49.8350, 16.4510

Conversions

Conversions Part 2

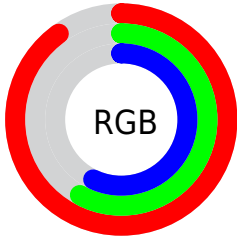
Format	Color
R _Y B	230, 148, 145
Decimal	15111313
CIE Lab	69.50, 30.52, 14.50
CIE LCh	70, 33.794, 25.412
Yxy	40.0471, 0.4016, 0.3328
Android (android.graphics.Color)	4293301393 (0xFFE69491)
YUV	172.1760, -13.3978, 50.7116
Hunter-Lab	63.2828, 25.5672, 14.3538

Details

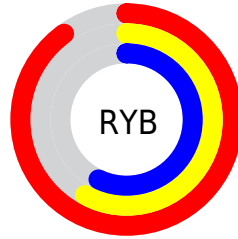
The Yxy color **40.0471, 0.4016, 0.3328** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.6278, 0.2606, 0.3251**, and the grayscale version is **41.3995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0954, 0.3568, 0.3333**, and **17.9626, 0.4285, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **33.1064, 0.4394, 0.3338**, and if you desaturate by 10%, it is **48.4676, 0.3703, 0.3317**.

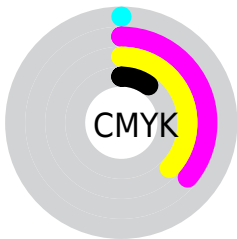
Distribution



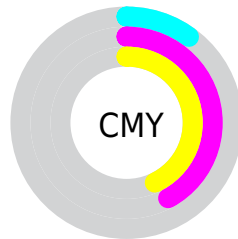
- Red (90%)
- Green (58%)
- Blue (57%)



- Red (90%)
- Yellow (58%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (37%)
- Black (10%)




- Cyan (10%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0471, 0.4016, 0.3328 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 40.0471, 0.4016, 0.3328 by changing the saturation by 10% instead.

 40.0471, 0.4016,
0.3328


 40.0471, 0.4016,
0.3328


346.3221, 0.3556,
0.3322

 27.5753, 0.4135,
0.3325


 75.2352, 0.3845,
0.3329

 18.0057, 0.4291,
0.3318


 98.7203, 0.3782,
0.3329

 10.9541, 0.4501,
0.3303


126.6453, 0.3729,
0.3328

 6.0360, 0.4799,
0.3272

159.3945, 0.3684,
0.3327

 2.8670, 0.5250,
0.3201

197.3524, 0.3645,
0.3326

 1.0627, 0.6382,
0.3219

240.9034, 0.3612,

 0.0000, 1.0000,

0.3325


0.0000


290.4318, 0.3582,
0.3323

 0.0000, 0.0000,
0.0000


 40.0471, 0.4016,
0.3328


 40.0471, 0.4016,
0.3328


 33.1064, 0.4394,
0.3338


 48.4676, 0.3703,
0.3317

 27.5547, 0.4831,
0.3345

 58.4403, 0.3449,
0.3307


 23.3001, 0.5303,
0.3348

 70.0399, 0.3245,
0.3297

 20.2375, 0.5758,
0.3344

 83.3345, 0.3081,
0.3287

 18.2452, 0.6123,
0.3332

 95.5587, 0.2975,
0.3290

■ 17.1752, 0.6339,
0.3316

■ 16.9976, 0.6381,
0.3315

Harmonies

Analogous

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



40.0471, 0.3650, 0.2954



40.0471, 0.4016, 0.3328



40.0471, 0.4117, 0.3720

Triad

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



40.0471, 0.4016, 0.3328



40.0471, 0.3044, 0.4052



40.0471, 0.2355, 0.2533

Complementary

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



40.0471, 0.4016, 0.3328



66.6278, 0.2606, 0.3251

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.



40.0471, 0.2225, 0.2748



40.0471, 0.4016, 0.3328



40.0471, 0.2599, 0.3646

Square

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



40.0471, 0.4016, 0.3328



40.0471, 0.3532, 0.4192



40.0471, 0.2309, 0.3148



40.0471, 0.2680, 0.2511

Rectangle

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



40.0471, 0.4016, 0.3328



40.0471, 0.4022, 0.3951



40.0471, 0.2309, 0.3148



40.0471, 0.2288, 0.2582

Sweetspot

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



40.0491, 0.4016, 0.3328



82.2655, 0.3323, 0.3301



42.6159, 0.3195, 0.2404



17.1790, 0.3351, 0.3302



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.



40.0491, 0.4016, 0.3328



44.0490, 0.4285, 0.3335



55.8228, 0.3834, 0.3807



14.4503, 0.3292, 0.3299



9.6631, 0.6374, 0.3321



0.7435, 0.6298, 0.3381

Inverse Universe

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



66.6278, 0.2606, 0.3251



82.0229, 0.2524, 0.3243



46.2774, 0.2528, 0.2706



16.2431, 0.2982, 0.3281



32.7786, 0.2216, 0.3178



2.4501, 0.2221, 0.3195

Previews

White Background



This preview shows how the Yxy color 40.0471, 0.4016, 0.3328 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 40.0471, 0.4016, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

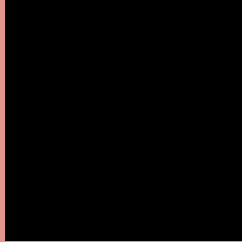
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0471, 0.4016, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 40.0471, 0.4016, 0.3328.



This preview shows how white text looks on a background with the Yxy color 40.0471, 0.4016, 0.3328.

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

40.0471, 0.4016, 0.3328

Protanopia

40.4969, 0.3313, 0.3484

Deuteranopia

40.2397, 0.3642, 0.3581



Tritanopia

39.9810, 0.3904, 0.3165

Trichromacy



Original Color

40.0471, 0.4016, 0.3328

Protanomaly

39.8434, 0.3552, 0.3423

Deuteranomaly

39.8468, 0.3774, 0.3482

Tritanomaly

40.1563, 0.3944, 0.3223

Monochromacy



Original Color

40.0471, 0.4016, 0.3328

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.1405, 0.3425, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0471, 0.4016, 0.3328 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(230, 148, 145)` looks like.

```
.text, #text, p{  
    color:rgb(230, 148, 145)  
}
```

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(230, 148, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 148, 145) }
```

Border

The CSS property to change the border of an element to Yxy 40.0471, 0.4016, 0.3328 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(230, 148, 145) }
```

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

```
.border{ border-color:rgb(230, 148, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 148, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 148, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 148, 145);  
box-shadow:4px 4px 4px 4px rgb(230, 148,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0471, 0.4016, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 148, 145) }
```

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

```
.background{ background-color: rgb(230,  
148, 145) }
```

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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