

Converting Colors

$Yxy(40.9906, 0.4159, 0.3295)$

Have a look what the booklet for
Yxy(40.9906, 0.4159, 0.3295)
contains.

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Color

Yxy(40.8374, 0.4163, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	F29090
RGB	242, 144, 144
RGB Percent	95%, 56%, 56%
CMY	0.0510, 0.4353, 0.4353
CMYK	0.00, 0.40, 0.40, 0.05
HSL	360°, 79%, 76%
HSV	360°, 40%, 95%
XYZ	51.6265, 40.8374, 31.5488
YIQ	173.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

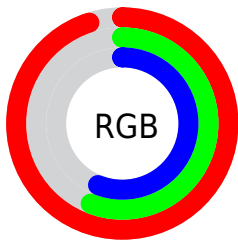
Format	Color
R _Y B	242, 144, 144
Decimal	15896720
CIE Lab	70.06, 37.00, 16.04
CIE LCh	70, 40.328, 23.435
Yxy	40.8374, 0.4163, 0.3293
Android (android.graphics.Color)	4294086800 (0xFFFF29090)
YUV	173.3020, -14.4459, 60.2481
Hunter-Lab	63.9041, 32.3733, 15.4620

Details

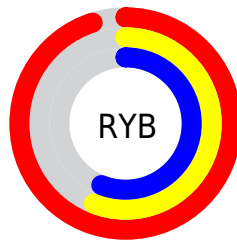
The Yxy color **40.8374, 0.4163, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.8470, 0.2570, 0.3288**, and the grayscale version is **42.0056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1841, 0.3585, 0.3302**, and **18.5297, 0.4473, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **33.6150, 0.4576, 0.3294**, and if you desaturate by 10%, it is **49.7935, 0.3818, 0.3292**.

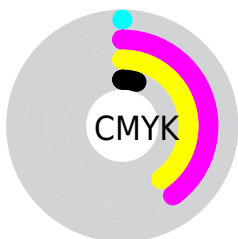
Distribution



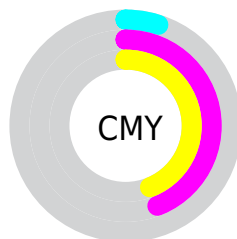
- Red (95%)
- Green (56%)
- Blue (56%)



- Red (95%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (5%)





- Cyan (5%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8374, 0.4163, 0.3293 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 40.8374, 0.4163, 0.3293 by changing the saturation by 10% instead.


 40.8374, 0.4163,
0.3293


 40.8374, 0.4163,
0.3293


349.6406, 0.3629,
0.3310

 28.1921, 0.4300,
0.3283


 76.4370, 0.3966,
0.3303

 18.4705, 0.4478,
0.3266


 100.1600, 0.3892,
0.3306

 11.2883, 0.4718,
0.3237


128.3444, 0.3831,
0.3308

 6.2611, 0.5054,
0.3184

161.3746, 0.3778,
0.3309

 3.0045, 0.5552,
0.3078

199.6349, 0.3733,
0.3309

 1.1341, 0.6739,
0.3018

243.5097, 0.3694,

 0.0068, 0.9925,

0.3310

0.0075

293.3835, 0.3659,
0.3310

0.0000, 0.0000,
0.0000

40.8374, 0.4163,
0.3293

40.8374, 0.4163,
0.3293

33.6150, 0.4576,
0.3294

49.7935, 0.3818,
0.3292

28.0087, 0.5043,
0.3296

60.5790, 0.3538,
0.3291

23.8960, 0.5526,
0.3297

73.2895, 0.3314,
0.3291

21.1341, 0.5956,
0.3298

88.0127, 0.3135,
0.3290

19.5527, 0.6257,
0.3299

97.6179, 0.3048,
0.3290

 18.8779, 0.6401,
0.3300

Harmonies

Analogous

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



40.8374, 0.3708, 0.2868



40.8374, 0.4163, 0.3293



40.8374, 0.4301, 0.3749

Triad

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



40.8374, 0.4163, 0.3293



40.8374, 0.3057, 0.4231



40.8374, 0.2208, 0.2412

Complementary

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



40.8374, 0.4163, 0.3293



75.8470, 0.2570, 0.3288

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.



40.8374, 0.2075, 0.2669



40.8374, 0.4163, 0.3293



40.8374, 0.2531, 0.3752

Square

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



40.8374, 0.4163, 0.3293



40.8374, 0.3630, 0.4361



40.8374, 0.2184, 0.3150



40.8374, 0.2568, 0.2380

Rectangle

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



40.8374, 0.4163, 0.3293



40.8374, 0.4197, 0.4029



40.8374, 0.2184, 0.3150



40.8374, 0.2138, 0.2472

Sweetspot

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



40.8394, 0.4163, 0.3293



80.1902, 0.3345, 0.3291



44.9489, 0.3160, 0.2288



16.7452, 0.3372, 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.



40.8394, 0.4163, 0.3293



38.8517, 0.4516, 0.3294



58.3151, 0.3942, 0.3808



15.7589, 0.3293, 0.3291



10.1410, 0.6401, 0.3300



0.8436, 0.6401, 0.3300

Inverse Universe

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



40.8394, 0.4163, 0.3293



38.8517, 0.4516, 0.3294



51.2085, 0.2477, 0.2701



15.7589, 0.3293, 0.3291



10.1410, 0.6401, 0.3300



0.8436, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 40.8374, 0.4163, 0.3293 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 40.8374, 0.4163, 0.3293 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 40.8374, 0.4163, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 40.8374, 0.4163, 0.3293.



This preview shows how white text looks on a background with the Yxy color 40.8374, 0.4163, 0.3293.

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

40.8374, 0.4163, 0.3293

Protanopia

41.0594, 0.3303, 0.3469

Deuteranopia

40.9458, 0.3687, 0.3617



Tritanopia

40.9995, 0.4078, 0.3183

Trichromacy



Original Color

40.8374, 0.4163, 0.3293



Protanomaly

40.2072, 0.3595, 0.3395



Deuteranomaly

40.4841, 0.3869, 0.3489



Tritanomaly

40.9016, 0.4111, 0.3216

Monochromacy



Original Color

40.8374, 0.4163, 0.3293



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.4551, 0.3476, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8374, 0.4163, 0.3293 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(242, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(242, 144, 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(242, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 144, 144) }
```

Border

The CSS property to change the border of an element to Yxy 40.8374, 0.4163, 0.3293 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(242, 144, 144) }
```

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

```
.border{ border-color:rgb(242, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(242, 144,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8374, 0.4163, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 144, 144) }
```

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

```
.background{ background-color: rgb(242,  
144, 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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