

Converting Colors

$Y_{xy}(40.9731, 0.4238, 0.3336)$

Have a look what the booklet for
Yxy(40.9731, 0.4238, 0.3336)
contains.

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Color

Yxy(40.7715, 0.4231, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	F48F8C
RGB	244, 143, 140
RGB Percent	96%, 56%, 55%
CMY	0.0431, 0.4392, 0.4510
CMYK	0.00, 0.41, 0.43, 0.04
HSL	2°, 83%, 75%
HSV	2°, 43%, 96%
XYZ	51.8654, 40.7715, 29.9473
YIQ	172.8570, 61.1590, 20.4790

Conversions

Conversions Part 2

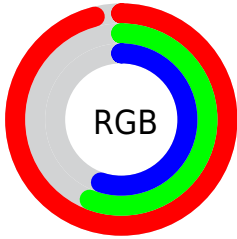
Format	Color
RYB	244, 143, 140
Decimal	16027532
CIELab	70.02, 37.83, 18.24
CIELCh	70, 41.995, 25.738
Yxy	40.7715, 0.4231, 0.3326
Android (android.graphics.Color)	4294217612 (0xFFFF48F8C)
YUV	172.8570, -16.1985, 62.3924
Hunter-Lab	63.8526, 33.2478, 16.8894

Details

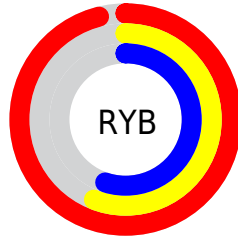
The Yxy color **40.7715, 0.4231, 0.3326** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.0187, 0.2541, 0.3253**, and the grayscale version is **41.7746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5432, 0.3619, 0.3333**, and **18.5346, 0.4568, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **33.7527, 0.4649, 0.3333**, and if you desaturate by 10%, it is **49.4564, 0.3878, 0.3317**.

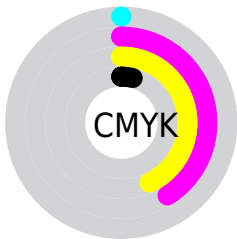
Distribution



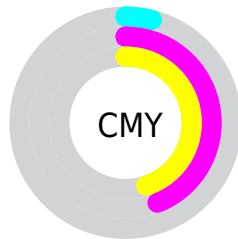
- Red (96%)
- Green (56%)
- Blue (55%)



- Red (96%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (41%)
- Yellow (43%)
- Black (4%)





- Cyan (4%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7715, 0.4231, 0.3326 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 40.7715, 0.4231, 0.3326 by changing the saturation by 10% instead.


 40.7715, 0.4231,
0.3326


 40.7715, 0.4231,
0.3326


349.3647, 0.3661,
0.3329


 28.1406, 0.4377,
0.3318


 76.3369, 0.4021,
0.3332

 18.4317, 0.4566,
0.3304


 100.0402, 0.3943,
0.3333

 11.2603, 0.4819,
0.3277


 128.2030, 0.3877,
0.3333

 6.2422, 0.5173,
0.3224

161.2098, 0.3821,
0.3333

 2.9929, 0.5692,
0.3113

199.4450, 0.3773,
0.3332

 1.1280, 0.6945,
0.3055

243.2930, 0.3731,

 0.0017, 0.9982,

0.3331

0.0018

293.1381, 0.3694,
0.3330

0.0000, 0.0000,
0.0000

40.7715, 0.4231,
0.3326

40.7715, 0.4231,
0.3326

33.7527, 0.4649,
0.3333

49.4564, 0.3878,
0.3317

28.2878, 0.5115,
0.3337

59.8982, 0.3589,
0.3309

24.2606, 0.5588,
0.3337

72.1880, 0.3356,
0.3300

21.5358, 0.5999,
0.3330

86.4093, 0.3170,
0.3292

19.9526, 0.6278,
0.3318

97.9738, 0.3060,
0.3290

■ 19.3867, 0.6386,
0.3311

Harmonies

Analogous

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



40.7715, 0.3777, 0.2882



40.7715, 0.4231, 0.3326



40.7715, 0.4345, 0.3797

Triad

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



40.7715, 0.4231, 0.3326



40.7715, 0.3006, 0.4247



40.7715, 0.2194, 0.2368

Complementary

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



40.7715, 0.4231, 0.3326



75.0187, 0.2541, 0.3253

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.



40.7715, 0.2039, 0.2614



40.7715, 0.4231, 0.3326



40.7715, 0.2471, 0.3724

Square

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



40.7715, 0.4231, 0.3326



40.7715, 0.3604, 0.4411



40.7715, 0.2131, 0.3096



40.7715, 0.2583, 0.2353

Rectangle

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



40.7715, 0.4231, 0.3326



40.7715, 0.4217, 0.4085



40.7715, 0.2131, 0.3096



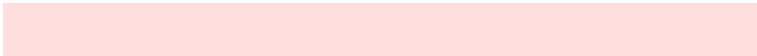
40.7715, 0.2116, 0.2423

Sweetspot

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



40.7735, 0.4231, 0.3326



79.1982, 0.3365, 0.3300



44.4175, 0.3191, 0.2259



16.2738, 0.3412, 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.



40.7735, 0.4231, 0.3326



38.3622, 0.4582, 0.3332



59.5935, 0.3980, 0.3871



16.5591, 0.3293, 0.3297



10.5746, 0.6380, 0.3316



0.9559, 0.6328, 0.3358

Inverse Universe

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



75.0187, 0.2541, 0.3253



80.7239, 0.2455, 0.3245



49.0512, 0.2435, 0.2619



18.6709, 0.2981, 0.3283



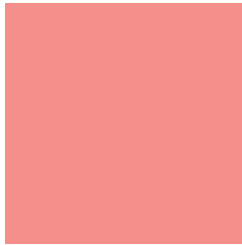
36.5081, 0.2222, 0.3199



3.2341, 0.2225, 0.3211

Previews

White Background



This preview shows how the Yxy color 40.7715, 0.4231, 0.3326 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 40.7715, 0.4231, 0.3326 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 40.7715, 0.4231, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 40.7715, 0.4231, 0.3326.



This preview shows how white text looks on a background with the Yxy color 40.7715, 0.4231, 0.3326.

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

40.7715, 0.4231, 0.3326

Protanopia

41.0426, 0.3347, 0.3524

Deuteranopia

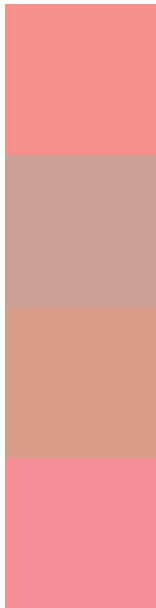
40.9672, 0.3735, 0.3668



Tritanopia

40.7292, 0.4117, 0.3173

Trichromacy



Original Color

40.7715, 0.4231, 0.3326

Protanomaly

40.3562, 0.3654, 0.3446

Deuteranomaly

40.5190, 0.3920, 0.3538

Tritanomaly

40.8966, 0.4157, 0.3228

Monochromacy



Original Color

40.7715, 0.4231, 0.3326

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.5560, 0.3496, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7715, 0.4231, 0.3326 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(244, 143, 140)` looks like.

```
.text, #text, p{  
    color:rgb(244, 143, 140)  
}
```

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(244, 143, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 143, 140) }
```

Border

The CSS property to change the border of an element to Yxy 40.7715, 0.4231, 0.3326 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(244, 143, 140) }
```

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

```
.border{ border-color:rgb(244, 143, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 143, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 143, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 143, 140);  
box-shadow:4px 4px 4px 4px rgb(244, 143,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7715, 0.4231, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 143, 140) }
```

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

```
.background{ background-color: rgb(244,  
143, 140) }
```

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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