

Converting Colors

$Y_{xy}(43.0103, 0.4143, 0.3294)$

Have a look what the booklet for
Yxy(43.0103, 0.4143, 0.3294)
contains.

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Color

Yxy(42.9108, 0.4140, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	F69494
RGB	246, 148, 148
RGB Percent	96%, 58%, 58%
CMY	0.0352, 0.4196, 0.4197
CMYK	0.00, 0.40, 0.40, 0.04
HSL	0°, 85%, 77%
HSV	0°, 40%, 96%
XYZ	53.9480, 42.9108, 33.4504
YIQ	177.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

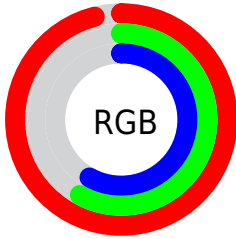
Format	Color
R _Y B	246, 148, 148
Decimal	16159892
CIE Lab	71.49, 36.85, 15.90
CIE LCh	71, 40.136, 23.340
Yxy	42.9108, 0.4140, 0.3293
Android (android.graphics.Color)	4294349972 (0xFFFF69494)
YUV	177.3020, -14.4459, 60.2481
Hunter-Lab	65.5063, 32.3682, 15.5784

Details

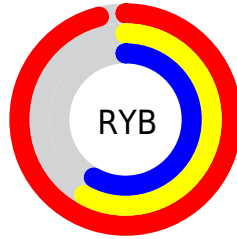
The Yxy color **42.9108, 0.4140, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.8769, 0.2577, 0.3288**, and the grayscale version is **44.1882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2361, 0.3544, 0.3302**, and **19.7936, 0.4447, 0.3280** is the 20% darker color. If you saturate the color by 10%, you get **35.3006, 0.4549, 0.3294**, and if you desaturate by 10%, it is **52.3308, 0.3799, 0.3292**.

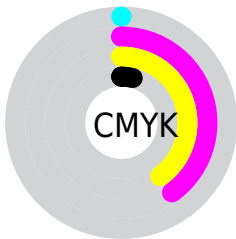
Distribution



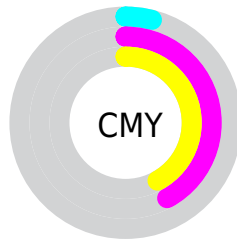
- Red (96%)
- Green (58%)
- Blue (58%)



- Red (96%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (4%)





- Cyan (4%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9108, 0.4140, 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 42.9108, 0.4140, 0.3293 by changing the saturation by 10% instead.

 42.9108, 0.4140,
0.3293

 42.9108, 0.4140,
0.3293


358.2448, 0.3622,
0.3309

 29.8151, 0.4272,
0.3283


 79.5762, 0.3949,
0.3303

 19.6983, 0.4442,
0.3268


 103.9148, 0.3879,
0.3305

 12.1759, 0.4670,
0.3241


132.7698, 0.3819,
0.3307

 6.8636, 0.4987,
0.3193

166.5256, 0.3768,
0.3308

 3.3770, 0.5455,
0.3099

205.5666, 0.3724,
0.3308

 1.3316, 0.6398,
0.2988

250.2772, 0.3685,

 0.1654, 0.8667,

0.3309

0.1333

301.0418, 0.3651,
0.3309

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.9108, 0.4140,
0.3293

42.9108, 0.4140,
0.3293

35.3006, 0.4549,
0.3294

52.3308, 0.3799,
0.3292

29.3783, 0.5014,
0.3296

63.6593, 0.3522,
0.3291

25.0174, 0.5498,
0.3297

76.9958, 0.3301,
0.3291

22.0706, 0.5934,
0.3298

92.4308, 0.3125,
0.3290

■ 20.3627, 0.6244,
0.3299

■ 98.3381, 0.3072,
0.3290

■ 19.6072, 0.6399,
0.3300

■ 19.5983, 0.6401,
0.3300

Harmonies

Analogous

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



42.9108, 0.3695, 0.2876



42.9108, 0.4140, 0.3293



42.9108, 0.4277, 0.3741

Triad

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



42.9108, 0.4140, 0.3293



42.9108, 0.3062, 0.4210



42.9108, 0.2225, 0.2430

Complementary

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



42.9108, 0.4140, 0.3293



78.8769, 0.2577, 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.



42.9108, 0.2095, 0.2684



42.9108, 0.4140, 0.3293



42.9108, 0.2545, 0.3744

Square

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



42.9108, 0.4140, 0.3293



42.9108, 0.3623, 0.4338



42.9108, 0.2203, 0.3156



42.9108, 0.2578, 0.2396

Rectangle

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



42.9108, 0.4140, 0.3293



42.9108, 0.4176, 0.4015



42.9108, 0.2203, 0.3156



42.9108, 0.2156, 0.2489

Sweetspot

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



42.9129, 0.4140, 0.3293



80.1909, 0.3345, 0.3291



47.4295, 0.3173, 0.2307



16.7453, 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.



42.9129, 0.4140, 0.3293



39.6097, 0.4472, 0.3294



61.6720, 0.3919, 0.3817



16.4827, 0.3294, 0.3291



10.4581, 0.6401, 0.3300



0.9192, 0.6401, 0.3300

Inverse Universe

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



78.8769, 0.2577, 0.3288



83.6905, 0.2492, 0.3288



52.8865, 0.2484, 0.2691



18.7577, 0.2981, 0.3290



38.7291, 0.2247, 0.3287



3.4039, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 42.9108, 0.4140, 0.3293 looks on a white background.

Color Contrast Check

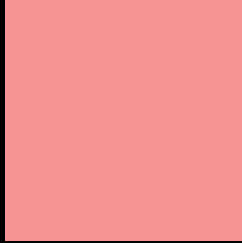
Large Text (above 18pt) WCAG AA × Fail

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 42.9108, 0.4140, 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 42.9108, 0.4140, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 42.9108, 0.4140, 0.3293.



This preview shows how white text looks on a background with the Yxy color 42.9108, 0.4140, 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

42.9108, 0.4140, 0.3293

Protanopia

43.2137, 0.3299, 0.3465

Deuteranopia

43.0861, 0.3675, 0.3611



Tritanopia

43.0759, 0.4057, 0.3184

Trichromacy



Original Color

42.9108, 0.4140, 0.3293



Protanomaly

42.3237, 0.3585, 0.3393



Deuteranomaly

42.5941, 0.3852, 0.3486



Tritanomaly

42.9747, 0.4089, 0.3217

Monochromacy



Original Color

42.9108, 0.4140, 0.3293



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.5822, 0.3468, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9108, 0.4140, 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(246, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(246, 148, 148)  
}
```

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(246, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 148, 148) }
```

Border

The CSS property to change the border of an element to Yxy 42.9108, 0.4140, 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(246, 148, 148) }
```

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

```
.border{ border-color:rgb(246, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(246, 148,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9108, 0.4140, 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(246, 148, 148) }
```

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

```
.background{ background-color: rgb(246,  
148, 148) }
```

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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