

Converting Colors

$Y_{xy}(42.8345, 0.3960, 0.3196)$

Have a look what the booklet for
Yxy(42.8345, 0.3960, 0.3196)
contains.

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Color

Yxy(42.8412, 0.3956, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	F0969F
RGB	240, 150, 159
RGB Percent	94%, 59%, 62%
CMY	0.0589, 0.4117, 0.3764
CMYK	0.00, 0.37, 0.34, 0.06
HSL	354°, 75%, 76%
HSV	354°, 37%, 94%
XYZ	53.0952, 42.8412, 38.2779
YIQ	177.9360, 50.7510, 21.8790

Conversions

Conversions Part 2

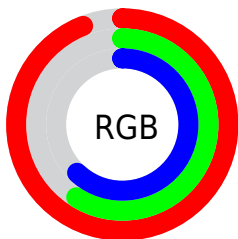
Format	Color
R _Y B	240, 150, 159
Decimal	15767199
CIE Lab	71.45, 34.86, 9.62
CIE LCh	71, 36.165, 15.422
Yxy	42.8412, 0.3956, 0.3192
Android (android.graphics.Color)	4293957279 (0xFFFF0969F)
YUV	177.9360, -9.3354, 54.4301
Hunter-Lab	65.4532, 30.2549, 11.1436

Details

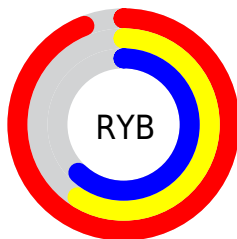
The Yxy color **42.8412, 0.3956, 0.3192** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.5618, 0.2648, 0.3395**, and the grayscale version is **44.5174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7777, 0.3448, 0.3199**, and **19.7632, 0.4202, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **35.2662, 0.4307, 0.3168**, and if you desaturate by 10%, it is **52.1196, 0.3666, 0.3219**.

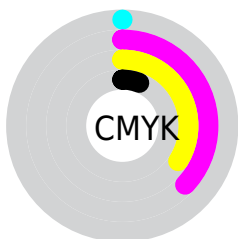
Distribution



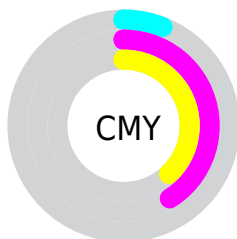
- Red (94%)
- Green (59%)
- Blue (62%)



- Red (94%)
- Yellow (59%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (6%)




- Cyan (6%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8412, 0.3956, 0.3192 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 42.8412, 0.3956, 0.3192 by changing the saturation by 10% instead.

 42.8412, 0.3956,
0.3192

 42.8412, 0.3956,
0.3192


357.9583, 0.3532,
0.3251

 29.7605, 0.4064,
0.3174


 79.4712, 0.3800,
0.3216

 19.6569, 0.4204,
0.3149


 103.7893, 0.3742,
0.3224

 12.1459, 0.4392,
0.3113


132.6220, 0.3693,
0.3231

 6.8431, 0.4658,
0.3056

166.3537, 0.3652,
0.3236

 3.3642, 0.5056,
0.2958

205.3687, 0.3616,
0.3241

 1.3247, 0.5735,
0.2780

250.0516, 0.3584,

 0.1602, 0.8636,

0.3245

0.1364

300.7867, 0.3557,
0.3248

0.0000, 0.0000,
0.0000

42.8412, 0.3956,
0.3192

42.8412, 0.3956,
0.3192

35.2662, 0.4307,
0.3168

52.1196, 0.3666,
0.3219

29.2852, 0.4716,
0.3152

63.1896, 0.3432,
0.3246

24.7858, 0.5166,
0.3147

76.1410, 0.3243,
0.3272

21.6383, 0.5614,
0.3160

91.0554, 0.3092,
0.3296

19.6908, 0.5998,
0.3193

97.2616, 0.3035,
0.3290

■ 18.7433, 0.6260,
0.3239

■ 18.5875, 0.6307,
0.3248

Harmonies

Analogous

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



42.8412, 0.3506, 0.2826



42.8412, 0.3956, 0.3192



42.8412, 0.4163, 0.3602

Triad

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



42.8412, 0.3956, 0.3192



42.8412, 0.3209, 0.4176



42.8412, 0.2253, 0.2551

Complementary

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



42.8412, 0.3956, 0.3192



74.5618, 0.2648, 0.3395

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.



42.8412, 0.2191, 0.2842



42.8412, 0.3956, 0.3192



42.8412, 0.2716, 0.3827

Square

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



42.8412, 0.3956, 0.3192



42.8412, 0.3705, 0.4212



42.8412, 0.2351, 0.3310



42.8412, 0.2527, 0.2465

Rectangle

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



42.8412, 0.3956, 0.3192



42.8412, 0.4128, 0.3862



42.8412, 0.2351, 0.3310



42.8412, 0.2208, 0.2625

Sweetspot

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



42.8433, 0.3956, 0.3192



81.8703, 0.3305, 0.3263



44.8456, 0.3080, 0.2337



17.0859, 0.3331, 0.3259



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.



42.8433, 0.3956, 0.3192



42.3474, 0.4219, 0.3173



55.2141, 0.3904, 0.3673



15.7845, 0.3278, 0.3267



10.1859, 0.6284, 0.3236



0.8559, 0.6037, 0.3099

Inverse Universe

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



42.8433, 0.3956, 0.3192



42.3474, 0.4219, 0.3173



56.6747, 0.2543, 0.2868



15.7845, 0.3278, 0.3267



10.1859, 0.6284, 0.3236



0.8559, 0.6037, 0.3099

Previews

White Background



This preview shows how the Yxy color 42.8412, 0.3956, 0.3192 looks on a white background.

Color Contrast Check

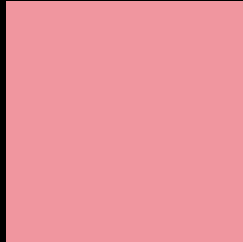
Large Text (above 18pt) WCAG AA × Fail

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 42.8412, 0.3956, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

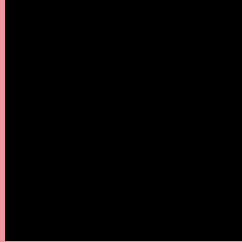
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8412, 0.3956, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 42.8412, 0.3956, 0.3192.



This preview shows how white text looks on a background with the Yxy color 42.8412, 0.3956, 0.3192.

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



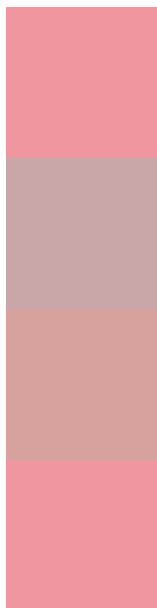
Original Color
42.8412, 0.3956, 0.3192
Protanopia
43.2222, 0.3187, 0.3330
Deuteranopia
43.0556, 0.3535, 0.3458



Tritanopia

42.9112, 0.3935, 0.3170

Trichromacy



Original Color

42.8412, 0.3956, 0.3192

Protanomaly

42.4800, 0.3449, 0.3278

Deuteranomaly

42.7221, 0.3691, 0.3353

Tritanomaly

42.8760, 0.3946, 0.3181

Monochromacy



Original Color

42.8412, 0.3956, 0.3192

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.3630, 0.3409, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8412, 0.3956, 0.3192 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(240, 150, 159)` looks like.

```
.text, #text, p{  
    color:rgb(240, 150, 159)  
}
```

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(240, 150, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 150, 159) }
```

Border

The CSS property to change the border of an element to Yxy 42.8412, 0.3956, 0.3192 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(240, 150, 159) }
```

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

```
.border{ border-color:rgb(240, 150, 159) }
```

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

Here you see how a box with a 4 pixel rgb(240, 150, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 150, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 150, 159);  
box-shadow:4px 4px 4px 4px rgb(240, 150,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8412, 0.3956, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 150, 159) }
```

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

```
.background{ background-color: rgb(240,  
150, 159) }
```

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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