

Converting Colors

$Y_{xy}(41.5658, 0.3869, 0.2951)$

Have a look what the booklet for
Yxy(41.5658, 0.3869, 0.2951)
contains.

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Color

Yxy(41.5962, 0.3872, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	F48EAD
RGB	244, 142, 173
RGB Percent	96%, 56%, 68%
CMY	0.0432, 0.4431, 0.3215
CMYK	0.00, 0.42, 0.29, 0.04
HSL	342°, 82%, 76%
HSV	342°, 42%, 96%
XYZ	54.5228, 41.5962, 44.6941
YIQ	176.0320, 50.8410, 31.2650

Conversions

Conversions Part 2

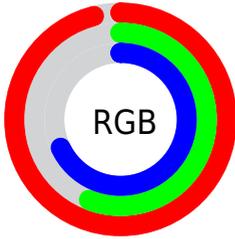
Format	Color
R_{YB}	244, 142, 173
Decimal	16027309
CIE _{Lab}	70.59, 42.21, 0.66
CIE _{LCh}	71, 42.213, 0.894
Yxy	41.5962, 0.3872, 0.2954
Android (android.graphics.Color)	4294217389 (0xFFFF48EAD)
YUV	176.0320, -1.4948, 59.6079
Hunter-Lab	64.4951, 38.0338, 4.0596

Details

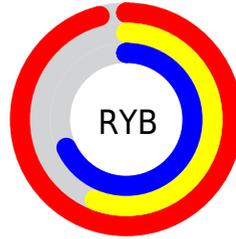
The Yxy color **41.5962, 0.3872, 0.2954** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **75.2529, 0.2704, 0.3665**, and the grayscale version is **43.4234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7939, 0.3353, 0.2977**, and **18.8395, 0.4085, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **34.4983, 0.4154, 0.2881**, and if you desaturate by 10%, it is **50.3706, 0.3635, 0.3036**.

Distribution



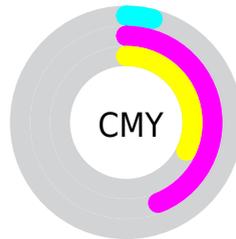
- Red (96%)
- Green (56%)
- Blue (68%)



- Red (96%)
- Yellow (56%)
- Blue (68%)



- Cyan (0%)
- Magenta (42%)
- Yellow (29%)
- Black (4%)



- Cyan (4%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5962, 0.3872, 0.2954 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 41.5962, 0.3872, 0.2954 by changing the saturation by 10% instead.

 41.5962, 0.3872,
0.2954

 41.5962, 0.3872,
0.2954

352.8063, 0.3493,
0.3126

 28.7852, 0.3968,
0.2910

 77.5881, 0.3733,
0.3017

 18.9184, 0.4093,
0.2853

 101.5379, 0.3681,
0.3041

 11.6113, 0.4260,
0.2777

129.9693, 0.3637,
0.3060

 6.4796, 0.4496,
0.2669

163.2669, 0.3600,
0.3077

 3.1389, 0.4851,
0.2506

201.8150, 0.3568,
0.3092

 1.2046, 0.5438,
0.2234

245.9980, 0.3540,

 0.0655, 0.9250,

0.3105

0.0542

296.2003, 0.3515,
0.3116

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.5962, 0.3872,
0.2954

■ 41.5962, 0.3872,
0.2954

■ 34.4983, 0.4154,
0.2881

■ 50.3706, 0.3635,
0.3036

■ 28.9630, 0.4479,
0.2826

■ 60.9137, 0.3439,
0.3119

■ 24.8716, 0.4837,
0.2801

■ 73.3181, 0.3278,
0.3200

■ 22.0856, 0.5204,
0.2818

■ 87.6682, 0.3148,
0.3277

■ 20.4388, 0.5547,
0.2883

■ 97.9719, 0.3060,
0.3290

■ 19.7285, 0.5791,
0.2964

Harmonies

Analogous

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



41.5962, 0.3264, 0.2588



41.5962, 0.3872, 0.2954



41.5962, 0.4276, 0.3407

Triad

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



41.5962, 0.3872, 0.2954



41.5962, 0.3503, 0.4410



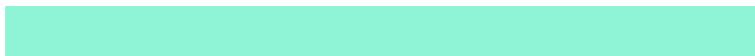
41.5962, 0.2049, 0.2555

Complementary

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



41.5962, 0.3872, 0.2954



75.2529, 0.2704, 0.3665

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.



41.5962, 0.2098, 0.2999



41.5962, 0.3872, 0.2954



41.5962, 0.2906, 0.4177

Square

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



41.5962, 0.3872, 0.2954



41.5962, 0.4028, 0.4260



41.5962, 0.2397, 0.3615



41.5962, 0.2246, 0.2351

Rectangle

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



41.5962, 0.3872, 0.2954



41.5962, 0.4350, 0.3722



41.5962, 0.2397, 0.3615



41.5962, 0.2038, 0.2677

Sweetspot

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



41.5982, 0.3872, 0.2954



79.2449, 0.3296, 0.3190



39.8324, 0.2894, 0.2172



16.2858, 0.3330, 0.3173



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.



41.5982, 0.3872, 0.2954



39.3307, 0.4104, 0.2892



46.5725, 0.4122, 0.3498



16.5654, 0.3246, 0.3218



10.7491, 0.5750, 0.2941



0.9623, 0.5396, 0.2746

Inverse Universe

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



41.5982, 0.3872, 0.2954



39.3307, 0.4104, 0.2892



66.2937, 0.2519, 0.3065



16.5654, 0.3246, 0.3218



10.7491, 0.5750, 0.2941



0.9623, 0.5396, 0.2746

Previews

White Background



This preview shows how the Yxy color 41.5962, 0.3872, 0.2954 looks on a white background.

Color Contrast Check

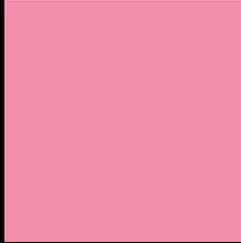
Large Text (above 18pt) WCAG AA × Fail

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 41.5962, 0.3872, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

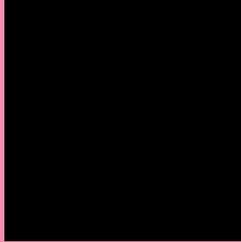
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5962, 0.3872, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 41.5962, 0.3872, 0.2954.



This preview shows how white text looks on a background with the Yxy color 41.5962, 0.3872, 0.2954.

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

41.5962, 0.3872, 0.2954

Protanopia

41.9246, 0.2965, 0.3036

Deuteranopia

41.5784, 0.3334, 0.3264



Tritanopia

41.5283, 0.4027, 0.3171

Trichromacy



Original Color

41.5962, 0.3872, 0.2954

Protanomaly

40.9562, 0.3273, 0.3000

Deuteranomaly

41.0576, 0.3526, 0.3143

Tritanomaly

41.6098, 0.3976, 0.3095

Monochromacy



Original Color

41.5962, 0.3872, 0.2954

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.0636, 0.3379, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5962, 0.3872, 0.2954 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, 142, 173)` looks like.

```
.text, #text, p{  
    color:rgb(244, 142, 173)  
}
```

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, 142, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 142, 173) }
```

Border

The CSS property to change the border of an element to Yxy 41.5962, 0.3872, 0.2954 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, 142, 173) }
```

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

```
.border{ border-color:rgb(244, 142, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 142, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 142, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 142, 173);  
box-shadow:4px 4px 4px 4px rgb(244, 142,  
173) }
```

Background

The CSS property to change the background color of an element to Yxy 41.5962, 0.3872, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 142, 173) }
```

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

```
.background{ background-color: rgb(244,  
142, 173) }
```

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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