

Converting Colors

$Y_{xy}(43.6502, 0.3967, 0.2958)$

Have a look what the booklet for
Yxy(43.6502, 0.3967, 0.2958)
contains.

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Color

Yxy(43.6620, 0.3967, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	FF8EAE
RGB	255, 142, 174
RGB Percent	100%, 56%, 68%
CMY	0.0000, 0.4431, 0.3176
CMYK	0.00, 0.44, 0.32, 0.00
HSL	343°, 100%, 78%
HSV	343°, 44%, 100%
XYZ	58.5555, 43.6620, 45.3890
YIQ	179.4350, 57.0760, 33.9080

Conversions

Conversions Part 2

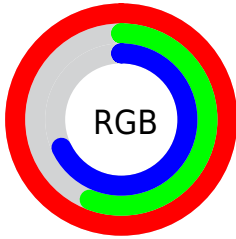
Format	Color
R _Y B	255, 142, 174
Decimal	16748206
CIE Lab	72.00, 46.13, 2.32
CIE LCh	72, 46.187, 2.885
Yxy	43.6620, 0.3967, 0.2958
Android (android.graphics.Color)	4294938286 (0xFFFF8EAE)
YUV	179.4350, -2.6795, 66.2705
Hunter-Lab	66.0772, 42.5458, 5.5273

Details

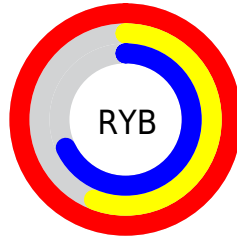
The Yxy color **43.6620, 0.3967, 0.2958** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.5983, 0.2672, 0.3664**, and the grayscale version is **45.3153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3053, 0.3344, 0.2978**, and **20.2857, 0.4211, 0.2862** is the 20% darker color. If you saturate the color by 10%, you get **36.2579, 0.4272, 0.2894**, and if you desaturate by 10%, it is **52.8999, 0.3709, 0.3033**.

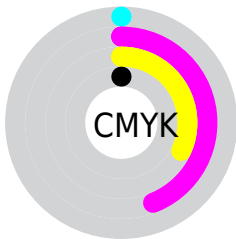
Distribution



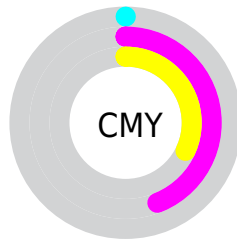
- Red (100%)
- Green (56%)
- Blue (68%)



- Red (100%)
- Yellow (56%)
- Blue (68%)



- Cyan (0%)
- Magenta (44%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6620, 0.3967, 0.2958 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 43.6620, 0.3967, 0.2958 by changing the saturation by 10% instead.


 43.6620, 0.3967,
0.2958

 43.6620, 0.3967,
0.2958


361.3272, 0.3542,
0.3128

 30.4049, 0.4074,
0.2914


 80.7089, 0.3812,
0.3021

 20.1461, 0.4211,
0.2858


 105.2675, 0.3754,
0.3044

 12.5013, 0.4395,
0.2782


134.3619, 0.3705,
0.3064

 7.0860, 0.4651,
0.2675


168.3768, 0.3663,
0.3080

 3.5160, 0.5030,
0.2514

207.6963, 0.3627,
0.3095

 1.4067, 0.5641,
0.2248

252.7050, 0.3595,

 0.2216, 0.8274,

0.3107

0.1273

303.7871, 0.3567,
0.3118

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.6620, 0.3967,
0.2958

43.6620, 0.3967,
0.2958

36.2579, 0.4272,
0.2894

52.8999, 0.3709,
0.3033

30.5616, 0.4620,
0.2850

64.0818, 0.3496,
0.3111

26.4346, 0.4995,
0.2840

77.3115, 0.3321,
0.3187

23.7153, 0.5369,
0.2872

92.6849, 0.3180,
0.3260

■ 22.2064, 0.5705,
0.2950

100.0000, 0.3127,
0.3290

■ 21.7308, 0.5869,
0.3007

Harmonies

Analogous

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



43.6620, 0.3317, 0.2563



43.6620, 0.3967, 0.2958



43.6620, 0.4380, 0.3441

Triad

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



43.6620, 0.3967, 0.2958



43.6620, 0.3482, 0.4498



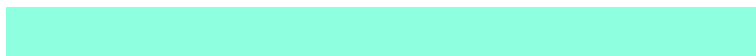
43.6620, 0.1984, 0.2478

Complementary

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



43.6620, 0.3967, 0.2958



82.5983, 0.2672, 0.3664

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.



43.6620, 0.2016, 0.2932



43.6620, 0.3967, 0.2958



43.6620, 0.2844, 0.4221

Square

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



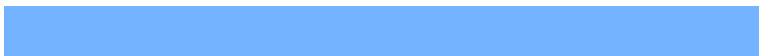
43.6620, 0.3967, 0.2958



43.6620, 0.4057, 0.4348



43.6620, 0.2314, 0.3592



43.6620, 0.2209, 0.2282

Rectangle

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



43.6620, 0.3967, 0.2958



43.6620, 0.4439, 0.3776



43.6620, 0.2314, 0.3592



43.6620, 0.1966, 0.2600

Sweetspot

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



43.6627, 0.3967, 0.2958



79.2060, 0.3301, 0.3197



42.2518, 0.2906, 0.2112



16.2763, 0.3335, 0.3181



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.



43.6627, 0.3967, 0.2958



37.1300, 0.4229, 0.2901



50.6620, 0.4193, 0.3550



18.0717, 0.3250, 0.3223



11.3767, 0.5827, 0.2984



1.1255, 0.5507, 0.2808

Inverse Universe

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



43.6627, 0.3967, 0.2958



37.1300, 0.4229, 0.2901



69.8527, 0.2479, 0.3004



18.0717, 0.3250, 0.3223



11.3767, 0.5827, 0.2984



1.1255, 0.5507, 0.2808

Previews

White Background



This preview shows how the Yxy color 43.6620, 0.3967, 0.2958 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 43.6620, 0.3967, 0.2958 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 43.6620, 0.3967, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 43.6620, 0.3967, 0.2958.

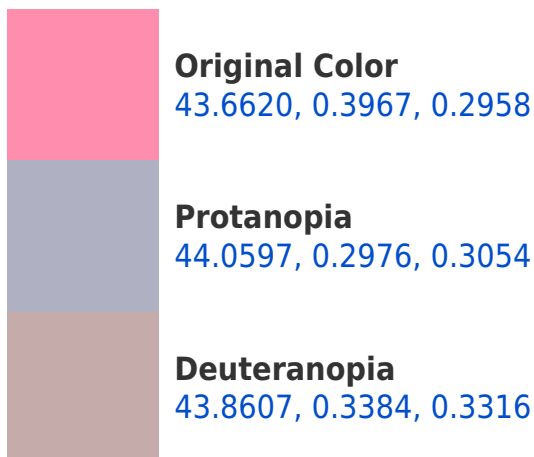


This preview shows how white text looks on a background with the Yxy color 43.6620, 0.3967, 0.2958.

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





Tritanopia

43.5337, 0.4133, 0.3177

Trichromacy



Original Color

43.6620, 0.3967, 0.2958



Protanomaly

42.9761, 0.3298, 0.3006



Deuteranomaly

42.9873, 0.3589, 0.3159



Tritanomaly

43.6617, 0.4070, 0.3093

Monochromacy



Original Color

43.6620, 0.3967, 0.2958



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.7122, 0.3414, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6620, 0.3967, 0.2958 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(255, 142, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 174)  
}
```

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(255, 142, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 174) }
```

Border

The CSS property to change the border of an element to Yxy 43.6620, 0.3967, 0.2958 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(255, 142, 174) }
```

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

```
.border{ border-color:rgb(255, 142, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6620, 0.3967, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 174) }
```

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

```
.background{ background-color: rgb(255,  
142, 174) }
```

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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