

Converting Colors

Yxy(41.6568, 0.3817, 0.2930)

Have a look what the booklet for
Yxy(41.6568, 0.3817, 0.2930)
contains.

Yxy(41.6568, 0.3817, 0.2930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.6568, 0.3817, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	F28FB0
RGB	242, 143, 176
RGB Percent	95%, 56%, 69%
CMY	0.0511, 0.4391, 0.3098
CMYK	0.00, 0.41, 0.27, 0.05
HSL	340°, 79%, 75%
HSV	340°, 41%, 95%
XYZ	54.2676, 41.6568, 46.2490
YIQ	176.3630, 48.4110, 31.2510

Conversions

Conversions Part 2

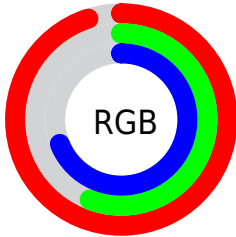
Format	Color
R _Y B	242, 143, 176
Decimal	15896496
CIE Lab	70.63, 41.38, -0.97
CIE LCh	71, 41.389, 358.653
Yxy	41.6568, 0.3817, 0.2930
Android (android.graphics.Color)	4294086576 (0xFFFF28FB0)
YUV	176.3630, -0.1790, 57.5636
Hunter-Lab	64.5421, 37.1358, 2.6939

Details

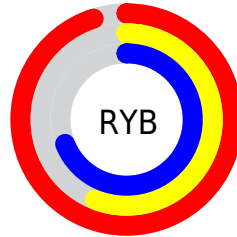
The Yxy color **41.6568, 0.3817, 0.2930** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.9305, 0.2726, 0.3692**, and the grayscale version is **43.5994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4744, 0.3321, 0.2949**, and **18.9579, 0.4020, 0.2816** is the 20% darker color. If you saturate the color by 10%, you get **34.5578, 0.4081, 0.2848**, and if you desaturate by 10%, it is **50.4024, 0.3595, 0.3020**.

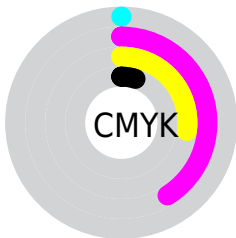
Distribution



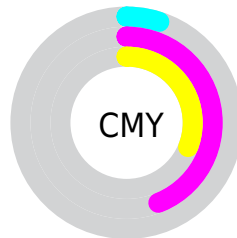
- Red (95%)
- Green (56%)
- Blue (69%)



- Red (95%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (41%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6568, 0.3817, 0.2930 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 41.6568, 0.3817, 0.2930 by changing the saturation by 10% instead.


 41.6568, 0.3817,
0.2930

 41.6568, 0.3817,
0.2930


353.0583, 0.3467,
0.3112

 28.8327, 0.3906,
0.2884

 77.6799, 0.3689,
0.2997

 18.9543, 0.4021,
0.2825


 101.6477, 0.3641,
0.3021

 11.6372, 0.4174,
0.2746


130.0988, 0.3600,
0.3042

 6.4972, 0.4391,
0.2635

163.4177, 0.3566,
0.3060

 3.1497, 0.4717,
0.2469

201.9887, 0.3536,
0.3076

 1.2104, 0.5257,
0.2197

246.1962, 0.3510,

 0.0701, 0.8367,

0.3089

0.0534

296.4246, 0.3487,
0.3101

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.6568, 0.3817,
0.2930

41.6568, 0.3817,
0.2930

34.5578, 0.4081,
0.2848

50.4024, 0.3595,
0.3020

28.9951, 0.4386,
0.2784

60.8838, 0.3411,
0.3111

24.8542, 0.4724,
0.2750

73.1908, 0.3260,
0.3199

22.0019, 0.5075,
0.2758

87.4053, 0.3137,
0.3283

■ 20.2789, 0.5412,
0.2816

■ 97.6114, 0.3047,
0.3290

■ 19.4597, 0.5684,
0.2905

Harmonies

Analogous

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



41.6568, 0.3215, 0.2579



41.6568, 0.3817, 0.2930



41.6568, 0.4234, 0.3372

Triad

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



41.6568, 0.3817, 0.2930



41.6568, 0.3541, 0.4388



41.6568, 0.2063, 0.2594

Complementary

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



41.6568, 0.3817, 0.2930



73.9305, 0.2726, 0.3692

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.



41.6568, 0.2130, 0.3047



41.6568, 0.3817, 0.2930



41.6568, 0.2954, 0.4188

Square

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



41.6568, 0.3817, 0.2930



41.6568, 0.4043, 0.4220



41.6568, 0.2442, 0.3655



41.6568, 0.2240, 0.2375

Rectangle

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



41.6568, 0.3817, 0.2930



41.6568, 0.4326, 0.3682



41.6568, 0.2442, 0.3655



41.6568, 0.2058, 0.2720

Sweetspot

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



41.6588, 0.3817, 0.2930



80.7613, 0.3276, 0.3190



39.6155, 0.2887, 0.2193



16.8786, 0.3294, 0.3178



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.



41.6588, 0.3817, 0.2930



40.2048, 0.4032, 0.2862



45.8301, 0.4099, 0.3475



15.8457, 0.3241, 0.3212



10.4797, 0.5640, 0.2881



0.8896, 0.5271, 0.2677

Inverse Universe

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



41.6588, 0.3817, 0.2930



40.2048, 0.4032, 0.2862



66.3597, 0.2534, 0.3091



15.8457, 0.3241, 0.3212



10.4797, 0.5640, 0.2881



0.8896, 0.5271, 0.2677

Previews

White Background



This preview shows how the Yxy color 41.6568, 0.3817, 0.2930 looks on a white background.

Color Contrast Check

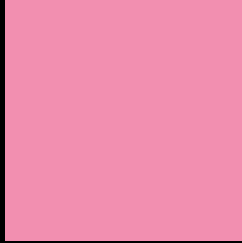
Large Text (above 18pt) WCAG AA × Fail

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 41.6568, 0.3817, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

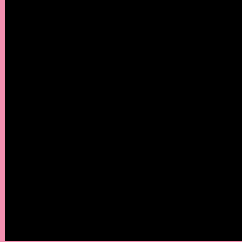
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6568, 0.3817, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 41.6568, 0.3817, 0.2930.

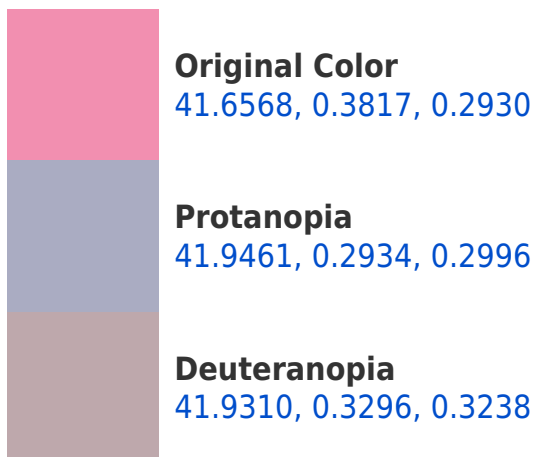


This preview shows how white text looks on a background with the Yxy color 41.6568, 0.3817, 0.2930.

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

41.5174, 0.3993, 0.3170

Trichromacy



Original Color

41.6568, 0.3817, 0.2930



Protanomaly

40.8134, 0.3227, 0.2961



Deuteranomaly

41.3687, 0.3485, 0.3118



Tritanomaly

41.6319, 0.3931, 0.3082

Monochromacy



Original Color

41.6568, 0.3817, 0.2930



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

41.9649, 0.3361, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6568, 0.3817, 0.2930 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(242, 143, 176)` looks like.

```
.text, #text, p{  
    color:rgb(242, 143, 176)  
}
```

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(242, 143, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 143, 176) }
```

Border

The CSS property to change the border of an element to Yxy 41.6568, 0.3817, 0.2930 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(242, 143, 176) }
```

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

```
.border{ border-color:rgb(242, 143, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 143, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 143, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 143, 176);  
box-shadow:4px 4px 4px 4px rgb(242, 143,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6568, 0.3817, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 143, 176) }
```

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

```
.background{ background-color: rgb(242,  
143, 176) }
```

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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