

Converting Colors

$Y_{xy}(43.6590, 0.3451, 0.2554)$

Have a look what the booklet for
Yxy(43.6590, 0.3451, 0.2554)
contains.

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Color

Yxy(43.5037, 0.3447, 0.2551)

Conversions

Conversions Part 1

Format	Color
Hex	F38FD5
RGB	243, 143, 213
RGB Percent	95%, 56%, 84%
CMY	0.0472, 0.4391, 0.1647
CMYK	0.00, 0.41, 0.12, 0.05
HSL	318°, 81%, 76%
HSV	318°, 41%, 95%
XYZ	58.7837, 43.5037, 68.2485
YIQ	180.8800, 37.1300, 42.9700

Conversions

Conversions Part 2

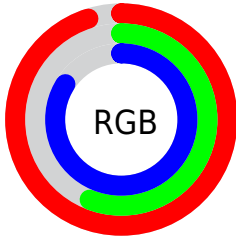
Format	Color
R _Y B	243, 143, 213
Decimal	15962069
CIE Lab	71.90, 47.14, -19.62
CIE LCh	72, 51.059, 337.405
Yxy	43.5037, 0.3447, 0.2551
Android (android.graphics.Color)	4294152149 (0xFFFF38FD5)
YUV	180.8800, 15.8352, 54.4792
Hunter-Lab	65.9573, 43.6607, -15.1794

Details

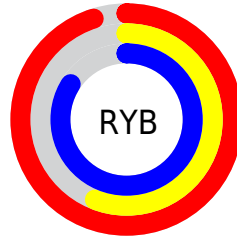
The Yxy color **43.5037, 0.3447, 0.2551** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **72.9354, 0.2913, 0.4173**, and the grayscale version is **46.0407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3268, 0.3153, 0.2742**, and **20.0952, 0.3527, 0.2376** is the 20% darker color. If you saturate the color by 10%, you get **36.6205, 0.3555, 0.2384**, and if you desaturate by 10%, it is **51.9871, 0.3351, 0.2731**.

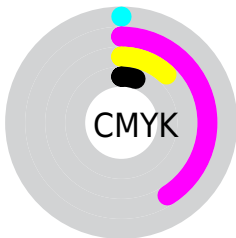
Distribution



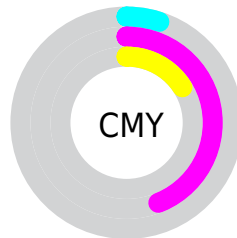
- Red (95%)
- Green (56%)
- Blue (84%)



- Red (95%)
- Yellow (56%)
- Blue (84%)



- Cyan (0%)
- Magenta (41%)
- Yellow (12%)
- Black (5%)




- Cyan (5%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5037, 0.3447, 0.2551 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 43.5037, 0.3447, 0.2551 by changing the saturation by 10% instead.


 43.5037, 0.3447,
0.2551


 43.5037, 0.3447,
0.2551


360.6792, 0.3297,
0.2900

 30.2805, 0.3482,
0.2470


 80.4704, 0.3395,
0.2673

 20.0516, 0.3525,
0.2369


 104.9827, 0.3374,
0.2721

 12.4326, 0.3579,
0.2241


134.0269, 0.3357,
0.2761

 7.0390, 0.3651,
0.2072

167.9873, 0.3342,
0.2796

 3.4865, 0.3747,
0.1843

207.2483, 0.3328,
0.2827

 1.3907, 0.3883,
0.1515

252.1944, 0.3317,

 0.2098, 0.4268,

0.2854

0.0614

303.2099, 0.3306,
0.2878

0.0000, 0.4302,
0.0000

0.0000, 0.0000,
0.0000

43.5037, 0.3447,
0.2551

43.5037, 0.3447,
0.2551

36.6205, 0.3555,
0.2384

51.9871, 0.3351,
0.2731

31.2283, 0.3673,
0.2239

62.1587, 0.3267,
0.2915

27.2137, 0.3799,
0.2129

74.1071, 0.3195,
0.3097

24.4443, 0.3928,
0.2062

87.9130, 0.3133,
0.3271

■ 22.7616, 0.4055,
0.2046

■ 97.4330, 0.3085,
0.3344

■ 21.9539, 0.4165,
0.2068

■ 97.7872, 0.3053,
0.3290

Harmonies

Analogous

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



43.5037, 0.2722, 0.2262



43.5037, 0.3447, 0.2551



43.5037, 0.4149, 0.2996

Triad

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



43.5037, 0.3447, 0.2551



43.5037, 0.4056, 0.4498



43.5037, 0.1890, 0.2793

Complementary

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



43.5037, 0.3447, 0.2551



72.9354, 0.2913, 0.4173

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.



43.5037, 0.2165, 0.3503



43.5037, 0.3447, 0.2551



43.5037, 0.3400, 0.4623

Square

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



43.5037, 0.3447, 0.2551



43.5037, 0.4492, 0.4062



43.5037, 0.2708, 0.4244



43.5037, 0.1900, 0.2345

Rectangle

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



43.5037, 0.3447, 0.2551



43.5037, 0.4461, 0.3344



43.5037, 0.2708, 0.4244



43.5037, 0.1949, 0.3006

Sweetspot

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



43.5057, 0.3447, 0.2551



81.4297, 0.3201, 0.3080



34.8196, 0.2568, 0.2086



17.0358, 0.3210, 0.3057



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.



43.5057, 0.3447, 0.2551



42.2764, 0.3532, 0.2416



41.4067, 0.3949, 0.3054



16.6787, 0.3184, 0.3126



12.0788, 0.4146, 0.2058



1.0797, 0.4000, 0.1977

Inverse Universe

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



43.5057, 0.3447, 0.2551



42.2764, 0.3532, 0.2416



75.1555, 0.2666, 0.3549



16.6787, 0.3184, 0.3126



12.0788, 0.4146, 0.2058



1.0797, 0.4000, 0.1977

Previews

White Background



This preview shows how the Yxy color 43.5037, 0.3447, 0.2551 looks on a white background.

Color Contrast Check

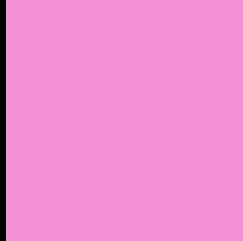
Large Text (above 18pt) WCAG AA × Fail

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 43.5037, 0.3447, 0.2551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

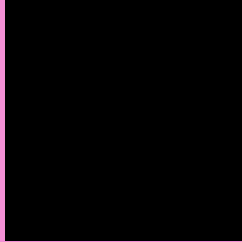
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5037, 0.3447, 0.2551

Background



This preview shows how black text looks on a background with the Yxy color 43.5037, 0.3447, 0.2551.



This preview shows how white text looks on a background with the Yxy color 43.5037, 0.3447, 0.2551.

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

43.5037, 0.3447, 0.2551

Protanopia

43.7438, 0.2579, 0.2528

Deuteranopia

43.6428, 0.2902, 0.2832



Tritanopia

43.4673, 0.3864, 0.3168

Trichromacy



Original Color

43.5037, 0.3447, 0.2551



Protanomaly

42.6876, 0.2848, 0.2522



Deuteranomaly

42.6994, 0.3083, 0.2701



Tritanomaly

43.2230, 0.3709, 0.2926

Monochromacy



Original Color

43.5037, 0.3447, 0.2551



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.3251, 0.3242, 0.2972

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5037, 0.3447, 0.2551 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(243, 143, 213)` looks like.

```
.text, #text, p{  
    color:rgb(243, 143, 213)  
}
```

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(243, 143, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 143, 213) }
```

Border

The CSS property to change the border of an element to Yxy 43.5037, 0.3447, 0.2551 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(243, 143, 213) }
```

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

```
.border{ border-color:rgb(243, 143, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 143, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 143, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 143, 213);  
box-shadow:4px 4px 4px 4px rgb(243, 143,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5037, 0.3447, 0.2551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 143, 213) }
```

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

```
.background{ background-color: rgb(243,  
143, 213) }
```

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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