

Converting Colors

$Y_{xy}(44.0595, 0.3690, 0.2914)$

Have a look what the booklet for
Yxy(44.0595, 0.3690, 0.2914)
contains.

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Color

Yxy(43.8407, 0.3685, 0.2906)

Conversions

Conversions Part 1

Format	Color
Hex	F096B9
RGB	240, 150, 185
RGB Percent	94%, 59%, 73%
CMY	0.0589, 0.4117, 0.2745
CMYK	0.00, 0.37, 0.23, 0.06
HSL	337°, 75%, 76%
HSV	337°, 37%, 94%
XYZ	55.5929, 43.8407, 51.4291
YIQ	180.9000, 42.4050, 29.9650

Conversions

Conversions Part 2

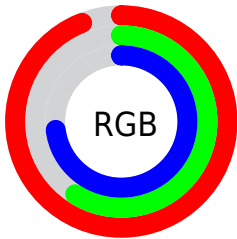
Format	Color
R_{YB}	240, 150, 185
Decimal	15767225
CIE _{Lab}	72.12, 38.31, -3.82
CIE _{LCh}	72, 38.503, 354.303
Yxy	43.8407, 0.3685, 0.2906
Android (android.graphics.Color)	4293957305 (0xFFFF096B9)
YUV	180.9000, 2.0213, 51.8307
Hunter-Lab	66.2123, 33.9999, 0.2963

Details

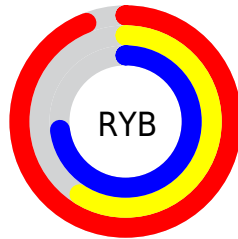
The Yxy color **43.8407, 0.3685, 0.2906** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.2017, 0.2780, 0.3717**, and the grayscale version is **46.1248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2735, 0.3248, 0.2933**, and **20.1604, 0.3843, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **36.3633, 0.3911, 0.2806**, and if you desaturate by 10%, it is **52.9544, 0.3495, 0.3012**.

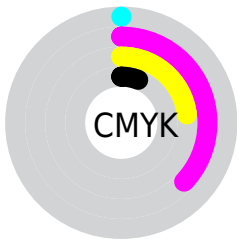
Distribution



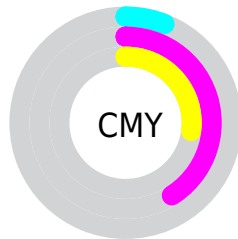
- Red (94%)
- Green (59%)
- Blue (73%)



- Red (94%)
- Yellow (59%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8407, 0.3685, 0.2906 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 43.8407, 0.3685, 0.2906 by changing the saturation by 10% instead.

 43.8407, 0.3685,
0.2906


 43.8407, 0.3685,
0.2906


362.0578, 0.3406,
0.3096

 30.5453, 0.3755,
0.2859


 80.9780, 0.3583,
0.2975

 20.2529, 0.3844,
0.2800


 105.5886, 0.3545,
0.3000

 12.5790, 0.3964,
0.2721

134.7399, 0.3513,
0.3022

 7.1393, 0.4130,
0.2613

168.8160, 0.3485,
0.3041

 3.5494, 0.4377,
0.2456

208.2015, 0.3461,
0.3058

 1.4248, 0.4779,
0.2206

253.2807, 0.3440,

 0.2349, 0.6129,

0.3072

0.1200

304.4380, 0.3422,
0.3085

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.8407, 0.3685,
0.2906

43.8407, 0.3685,
0.2906

36.3633, 0.3911,
0.2806

52.9544, 0.3495,
0.3012

30.4177, 0.4173,
0.2721

63.7882, 0.3338,
0.3117

25.8969, 0.4468,
0.2663

76.4275, 0.3208,
0.3218

22.6773, 0.4784,
0.2644

90.9505, 0.3103,
0.3313

■ 20.6140, 0.5100,
0.2675

■ 97.2617, 0.3035,
0.3290

■ 19.5156, 0.5394,
0.2759

■ 19.3175, 0.5464,
0.2784

Harmonies

Analogous

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



43.8407, 0.3129, 0.2596



43.8407, 0.3685, 0.2906



43.8407, 0.4101, 0.3310

Triad

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



43.8407, 0.3685, 0.2906



43.8407, 0.3587, 0.4289



43.8407, 0.2139, 0.2702

Complementary

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



43.8407, 0.3685, 0.2906



73.2017, 0.2780, 0.3717

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.



43.8407, 0.2237, 0.3148



43.8407, 0.3685, 0.2906



43.8407, 0.3050, 0.4152

Square

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



43.8407, 0.3685, 0.2906



43.8407, 0.4023, 0.4107



43.8407, 0.2559, 0.3704



43.8407, 0.2271, 0.2463

Rectangle

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



43.8407, 0.3685, 0.2906



43.8407, 0.4219, 0.3598



43.8407, 0.2559, 0.3704



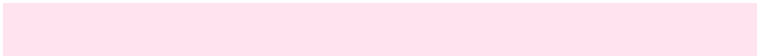
43.8407, 0.2146, 0.2830

Sweetspot

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



43.8428, 0.3685, 0.2906



82.3354, 0.3251, 0.3183



40.9451, 0.2862, 0.2274



17.1961, 0.3269, 0.3169



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.



43.8428, 0.3685, 0.2906



43.5865, 0.3855, 0.2829



45.5254, 0.4012, 0.3393



15.8606, 0.3232, 0.3199



10.6010, 0.5423, 0.2761



0.9008, 0.5070, 0.2566

Inverse Universe

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



43.8428, 0.3685, 0.2906



43.5865, 0.3855, 0.2829



69.9183, 0.2589, 0.3182



15.8606, 0.3232, 0.3199



10.6010, 0.5423, 0.2761



0.9008, 0.5070, 0.2566

Previews

White Background



This preview shows how the Yxy color 43.8407, 0.3685, 0.2906 looks on a white background.

Color Contrast Check

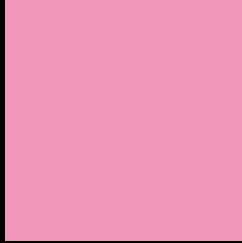
Large Text (above 18pt) WCAG AA × Fail

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 43.8407, 0.3685, 0.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

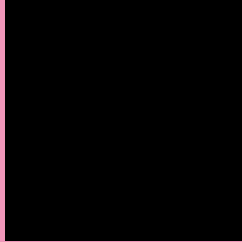
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8407, 0.3685, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 43.8407, 0.3685, 0.2906.



This preview shows how white text looks on a background with the Yxy color 43.8407, 0.3685, 0.2906.

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

43.8407, 0.3685, 0.2906

Protanopia

44.1520, 0.2907, 0.2964

Deuteranopia

44.1787, 0.3240, 0.3175



Tritanopia

44.0050, 0.3860, 0.3169

Trichromacy



Original Color

43.8407, 0.3685, 0.2906



Protanomaly

43.4479, 0.3162, 0.2942



Deuteranomaly

43.6300, 0.3400, 0.3071



Tritanomaly

44.1117, 0.3801, 0.3080

Monochromacy



Original Color

43.8407, 0.3685, 0.2906



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.6834, 0.3316, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8407, 0.3685, 0.2906 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(240, 150, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 150, 185) }
```

Border

The CSS property to change the border of an element to Yxy 43.8407, 0.3685, 0.2906 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, 185) }
```

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

```
.border{ border-color:rgb(240, 150, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 150, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 150, 185);  
box-shadow:4px 4px 4px 4px rgb(240, 150,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8407, 0.3685, 0.2906 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, 185) }
```

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

```
.background{ background-color: rgb(240,  
150, 185) }
```

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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