

Converting Colors

$Y_{xy}(44.0962, 0.3845, 0.2911)$

Have a look what the booklet for
Yxy(44.0962, 0.3845, 0.2911)
contains.

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Color

Yxy(44.0962, 0.3845, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	FB91B5
RGB	251, 145, 181
RGB Percent	98%, 57%, 71%
CMY	0.0157, 0.4313, 0.2903
CMYK	0.00, 0.42, 0.28, 0.02
HSL	340°, 93%, 78%
HSV	340°, 42%, 98%
XYZ	58.2446, 44.0962, 49.1405
YIQ	180.7980, 51.6200, 33.6680

Conversions

Conversions Part 2

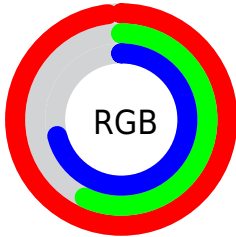
Format	Color
R_{YB}	251, 145, 181
Decimal	16486837
CIE Lab	72.29, 44.12, -1.18
CIE LCh	72, 44.137, 358.465
Yxy	44.0962, 0.3845, 0.2911
Android (android.graphics.Color)	4294676917 (0xFFFB91B5)
YUV	180.7980, 0.0996, 61.5672
Hunter-Lab	66.4050, 40.3557, 2.6081

Details

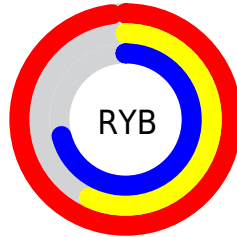
The Yxy color **44.0962, 0.3845, 0.2911** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.9185, 0.2718, 0.3717**, and the grayscale version is **46.0734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1477, 0.3281, 0.2931**, and **20.4193, 0.4053, 0.2809** is the 20% darker color. If you saturate the color by 10%, you get **36.6149, 0.4113, 0.2829**, and if you desaturate by 10%, it is **53.3570, 0.3619, 0.3002**.

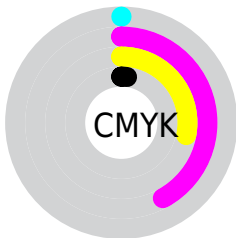
Distribution



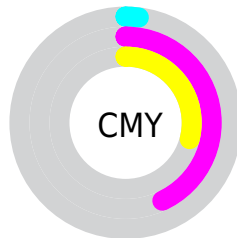
- Red (98%)
- Green (57%)
- Blue (71%)



- Red (98%)
- Yellow (57%)
- Blue (71%)



- Cyan (0%)
- Magenta (42%)
- Yellow (28%)
- Black (2%)




- Cyan (2%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0962, 0.3845, 0.2911 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 44.0962, 0.3845, 0.2911 by changing the saturation by 10% instead.

 44.0962, 0.3845,
0.2911

 44.0962, 0.3845,
0.2911

363.1007, 0.3484,
0.3101

 30.7461, 0.3935,
0.2864


 81.3625, 0.3714,
0.2980

 20.4056, 0.4051,
0.2803


 106.0475, 0.3664,
0.3006

 12.6902, 0.4206,
0.2723


135.2796, 0.3623,
0.3028

 7.2156, 0.4420,
0.2612

169.4432, 0.3587,
0.3046

 3.5973, 0.4738,
0.2449

208.9228, 0.3556,
0.3063

 1.4509, 0.5252,
0.2188

254.1026, 0.3529,

 0.2538, 0.6976,

0.3077

0.1252

305.3671, 0.3505,
0.3089

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.0962, 0.3845,
0.2911

■ 44.0962, 0.3845,
0.2911

■ 36.6149, 0.4113,
0.2829

■ 53.3570, 0.3619,
0.3002

■ 30.7911, 0.4421,
0.2767

■ 64.4961, 0.3431,
0.3095

■ 26.4974, 0.4759,
0.2737

■ 77.6127, 0.3277,
0.3186

■ 23.5849, 0.5107,
0.2751

■ 92.7968, 0.3152,
0.3272

■ 21.8740, 0.5437,
0.2816

■ 99.2476, 0.3102,
0.3290

■ 21.1659, 0.5666,
0.2895

Harmonies

Analogous

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



44.0962, 0.3214, 0.2548



44.0962, 0.3845, 0.2911



44.0962, 0.4284, 0.3368

Triad

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



44.0962, 0.3845, 0.2911



44.0962, 0.3559, 0.4441



44.0962, 0.2020, 0.2564

Complementary

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



44.0962, 0.3845, 0.2911



79.9185, 0.2718, 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.



44.0962, 0.2090, 0.3036



44.0962, 0.3845, 0.2911



44.0962, 0.2947, 0.4237

Square

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



44.0962, 0.3845, 0.2911



44.0962, 0.4084, 0.4257



44.0962, 0.2414, 0.3676



44.0962, 0.2201, 0.2337

Rectangle

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



44.0962, 0.3845, 0.2911



44.0962, 0.4381, 0.3690



44.0962, 0.2414, 0.3676



44.0962, 0.2015, 0.2695

Sweetspot

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



44.0983, 0.3845, 0.2911



79.3116, 0.3288, 0.3179



41.5014, 0.2861, 0.2149



16.3021, 0.3320, 0.3159



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.



44.0983, 0.3845, 0.2911



38.7818, 0.4079, 0.2838



48.0117, 0.4156, 0.3463



17.3224, 0.3240, 0.3210



11.1509, 0.5622, 0.2871



1.0517, 0.5289, 0.2687

Inverse Universe

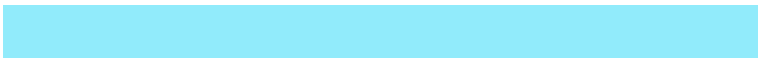
The Inverse Universe completely reimagines the original color for something new.



44.0983, 0.3845, 0.2911



38.7818, 0.4079, 0.2838



72.4569, 0.2520, 0.3104



17.3224, 0.3240, 0.3210



11.1509, 0.5622, 0.2871



1.0517, 0.5289, 0.2687

Previews

White Background



This preview shows how the Yxy color 44.0962, 0.3845, 0.2911 looks on a white background.

Color Contrast Check

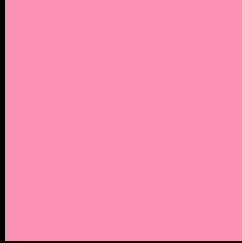
Large Text (above 18pt) WCAG AA × Fail

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 44.0962, 0.3845, 0.2911 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 44.0962, 0.3845, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 44.0962, 0.3845, 0.2911.



This preview shows how white text looks on a background with the Yxy color 44.0962, 0.3845, 0.2911.

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

44.0962, 0.3845, 0.2911

Protanopia

44.2195, 0.2923, 0.2977

Deuteranopia

44.2417, 0.3302, 0.3239



Tritanopia

44.1727, 0.4036, 0.3174

Trichromacy



Original Color

44.0962, 0.3845, 0.2911



Protanomaly

43.3171, 0.3226, 0.2945



Deuteranomaly

43.5021, 0.3488, 0.3098



Tritanomaly

44.3310, 0.3964, 0.3078

Monochromacy



Original Color

44.0962, 0.3845, 0.2911



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.4633, 0.3365, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0962, 0.3845, 0.2911 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(251, 145, 181)` looks like.

```
.text, #text, p{  
    color:rgb(251, 145, 181)  
}
```

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(251, 145, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 145, 181) }
```

Border

The CSS property to change the border of an element to Yxy 44.0962, 0.3845, 0.2911 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(251, 145, 181) }
```

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

```
.border{ border-color:rgb(251, 145, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 145, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 145, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 145, 181);  
box-shadow:4px 4px 4px 4px rgb(251, 145,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0962, 0.3845, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 145, 181) }
```

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

```
.background{ background-color: rgb(251,  
145, 181) }
```

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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