

Converting Colors

$Y_{xy}(50.8610, 0.3431, 0.2868)$

Have a look what the booklet for
Yxy(50.8610, 0.3431, 0.2868)
contains.

| | |
|-------------------------------------------|----|
| Yxy(50.8610, 0.3431, 0.2868) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(50.8610, 0.3431, 0.2868)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EFA8CF |
| RGB | 239, 168, 207 |
| RGB Percent | 94%, 66%, 81% |
| CMY | 0.0630, 0.3410, 0.1883 |
| CMYK | 0.00, 0.30, 0.13, 0.06 |
| HSL | 327°, 69%, 80% |
| HSV | 327°, 30%, 94% |
| XYZ | 60.8452, 50.8610, 65.6334 |
| YIQ | 193.6750, 29.7970, 27.1810 |

Conversions

Conversions Part 2

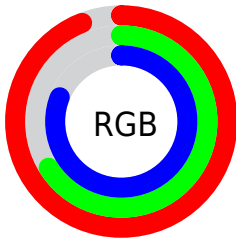
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 239, 168, 207 |
| Decimal | 15706319 |
| CIE Lab | 76.59, 31.81, -9.30 |
| CIE LCh | 77, 33.140, 343.700 |
| Yxy | 50.8610, 0.3431, 0.2868 |
| Android (android.graphics.Color) | 4293896399 (0xFFEFA8CF) |
| YUV | 193.6750, 6.5692, 39.7500 |
| Hunter-Lab | 71.3169, 27.4857, -4.6431 |

Details

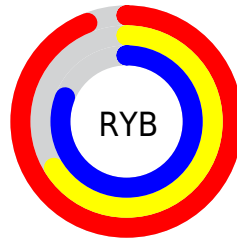
The Yxy color **50.8610, 0.3431, 0.2868** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74.1963, 0.2907, 0.3756**, and the grayscale version is **53.6944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **24.5065, 0.3506, 0.2757** is the 20% darker color. If you saturate the color by 10%, you get **42.3255, 0.3573, 0.2722**, and if you desaturate by 10%, it is **61.0581, 0.3310, 0.3015**.

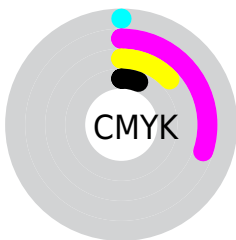
Distribution



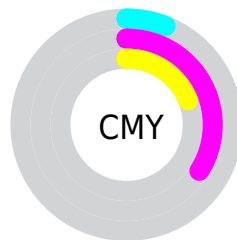
- Red (94%)
- Green (66%)
- Blue (81%)



- Red (94%)
- Yellow (66%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (6%)





- Cyan (6%)
- Magenta (34%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8610, 0.3431, 0.2868 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 50.8610, 0.3431, 0.2868 by changing the saturation by 10% instead.


 50.8610, 0.3431,
0.2868

 50.8610, 0.3431,
0.2868


390.0235, 0.3285,
0.3069

 36.0980, 0.3466,
0.2821


 91.4493, 0.3379,
0.2939

 24.5099, 0.3510,
0.2762


 118.0433, 0.3359,
0.2966

 15.7123, 0.3566,
0.2686


149.3499, 0.3342,
0.2989

 9.3208, 0.3643,
0.2585

185.7533, 0.3328,
0.3009

 4.9510, 0.3751,
0.2444

227.6380, 0.3315,
0.3027

 2.2185, 0.3916,
0.2234

275.3883, 0.3304,

 0.7301, 0.4205,

0.3043

0.1872

329.3887, 0.3294,
0.3056

0.0000, 0.6355,
0.0000

0.0000, 0.0000,
0.0000

50.8610, 0.3431,
0.2868

50.8610, 0.3431,
0.2868

42.3255, 0.3573,
0.2722

61.0581, 0.3310,
0.3015

35.3549, 0.3738,
0.2585

72.9925, 0.3209,
0.3158

29.8536, 0.3925,
0.2467

86.7439, 0.3125,
0.3294

25.7121, 0.4130,
0.2380

96.7661, 0.3057,
0.3338

■ 22.8057, 0.4347,
0.2337

■ 97.0803, 0.3029,
0.3290

■ 20.9861, 0.4564,
0.2346

■ 20.0126, 0.4775,
0.2405

■ 19.9862, 0.4781,
0.2408

Harmonies

Analogous

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



50.8610, 0.2973, 0.2646



50.8610, 0.3431, 0.2868



50.8610, 0.3826, 0.3189

Triad

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



50.8610, 0.3431, 0.2868



50.8610, 0.3656, 0.4083



50.8610, 0.2310, 0.2926

Complementary

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



50.8610, 0.3431, 0.2868



74.1963, 0.2907, 0.3756

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.



50.8610, 0.2465, 0.3338



50.8610, 0.3431, 0.2868



50.8610, 0.3230, 0.4057

Square

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



50.8610, 0.3431, 0.2868



50.8610, 0.3951, 0.3880



50.8610, 0.2795, 0.3773



50.8610, 0.2353, 0.2657

Rectangle

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



50.8610, 0.3431, 0.2868



50.8610, 0.3983, 0.3430



50.8610, 0.2795, 0.3773



50.8610, 0.2340, 0.3052

Sweetspot

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



50.8633, 0.3431, 0.2868



85.5731, 0.3203, 0.3167



46.5186, 0.2844, 0.2479



17.8519, 0.3217, 0.3147



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.



50.8633, 0.3431, 0.2868



52.3617, 0.3520, 0.2773



49.3214, 0.3758, 0.3252



15.9042, 0.3207, 0.3161



11.0779, 0.4750, 0.2390



0.9416, 0.4491, 0.2248

Inverse Universe

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



50.8633, 0.3431, 0.2868



52.3617, 0.3520, 0.2773



76.0477, 0.2717, 0.3329



15.9042, 0.3207, 0.3161



11.0779, 0.4750, 0.2390



0.9416, 0.4491, 0.2248

Previews

White Background



This preview shows how the Yxy color 50.8610, 0.3431, 0.2868 looks on a white background.

Color Contrast Check

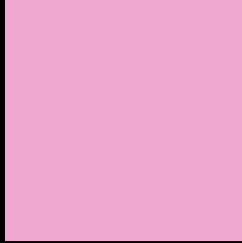
Large Text (above 18pt) WCAG AA × Fail

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 50.8610, 0.3431, 0.2868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

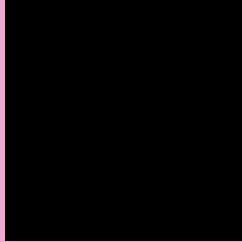
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8610, 0.3431, 0.2868

Background



This preview shows how black text looks on a background with the Yxy color 50.8610, 0.3431, 0.2868.



This preview shows how white text looks on a background with the Yxy color 50.8610, 0.3431, 0.2868.

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

50.8610, 0.3431, 0.2868

Protanopia

51.3241, 0.2864, 0.2901

Deuteranopia

51.0581, 0.3114, 0.3050



Tritanopia

50.8407, 0.3596, 0.3146

Trichromacy



Original Color

50.8610, 0.3431, 0.2868

Protanomaly

50.7914, 0.3055, 0.2890

Deuteranomaly

50.6956, 0.3227, 0.2977

Tritanomaly

50.9806, 0.3534, 0.3048

Monochromacy



Original Color

50.8610, 0.3431, 0.2868

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.5231, 0.3227, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8610, 0.3431, 0.2868 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(239, 168, 207)` looks like.

```
.text, #text, p{  
    color:rgb(239, 168, 207)  
}
```

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(239, 168, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 168, 207) }
```

Border

The CSS property to change the border of an element to Yxy 50.8610, 0.3431, 0.2868 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(239, 168, 207) }
```

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

```
.border{ border-color:rgb(239, 168, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 168, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 168, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 168, 207);  
box-shadow:4px 4px 4px 4px rgb(239, 168,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8610, 0.3431, 0.2868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 168, 207) }
```

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

```
.background{ background-color: rgb(239,  
168, 207) }
```

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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