

Converting Colors

$Y_{xy}(44.8158, 0.3429, 0.2847)$

Have a look what the booklet for
Yxy(44.8158, 0.3429, 0.2847)
contains.

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Color

Yxy(44.8158, 0.3429, 0.2847)

Conversions

Conversions Part 1

Format	Color
Hex	E39EC5
RGB	227, 158, 197
RGB Percent	89%, 62%, 77%
CMY	0.1099, 0.3803, 0.2275
CMYK	0.00, 0.30, 0.13, 0.11
HSL	326°, 55%, 75%
HSV	326°, 30%, 89%
XYZ	53.9773, 44.8158, 58.6210
YIQ	183.0770, 28.6050, 26.7570

Conversions

Conversions Part 2

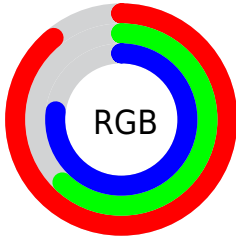
Format	Color
R _Y B	227, 158, 197
Decimal	14917317
CIE Lab	72.77, 31.43, -9.65
CIE LCh	73, 32.875, 342.930
Yxy	44.8158, 0.3429, 0.2847
Android (android.graphics.Color)	4293107397 (0xFFE39EC5)
YUV	183.0770, 6.8640, 38.5205
Hunter-Lab	66.9446, 26.7711, -5.0569

Details

The Yxy color **44.8158, 0.3429, 0.2847** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.8291, 0.2909, 0.3781**, and the grayscale version is **47.3490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0043, 0.3153, 0.2890**, and **20.9492, 0.3519, 0.2740** is the 20% darker color. If you saturate the color by 10%, you get **37.3376, 0.3567, 0.2698**, and if you desaturate by 10%, it is **53.7577, 0.3311, 0.2998**.

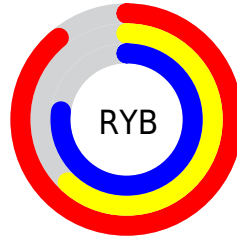
Distribution



Red (89%)

Green (62%)

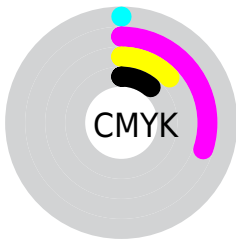
Blue (77%)



Red (89%)

Yellow (62%)

Blue (77%)

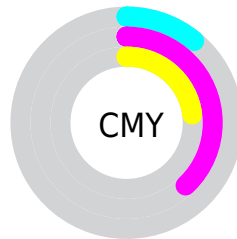


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (11%)



Cyan (11%)


Magenta (38%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8158, 0.3429, 0.2847 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 44.8158, 0.3429, 0.2847 by changing the saturation by 10% instead.

 44.8158, 0.3429,
0.2847

 44.8158, 0.3429,
0.2847

366.0270, 0.3281,
0.3062

 31.3124, 0.3465,
0.2795


 82.4439, 0.3376,
0.2924

 20.8368, 0.3511,
0.2730


 107.3374, 0.3356,
0.2953

 13.0048, 0.3571,
0.2645

136.7964, 0.3339,
0.2978

 7.4318, 0.3653,
0.2530

171.2052, 0.3324,
0.2999

 3.7336, 0.3772,
0.2367

210.9483, 0.3311,
0.3018

 1.5257, 0.3959,
0.2115

256.4100, 0.3300,

 0.3067, 0.4503,

0.3034

0.1281

307.9748, 0.3290,
0.3049

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.8158, 0.3429,
0.2847

44.8158, 0.3429,
0.2847

37.3376, 0.3567,
0.2698

53.7577, 0.3311,
0.2998

31.2376, 0.3726,
0.2559

64.2306, 0.3213,
0.3145

26.4309, 0.3906,
0.2439

76.3048, 0.3130,
0.3285

22.8203, 0.4102,
0.2351

90.0446, 0.3062,
0.3416

■ 20.2950, 0.4308,
0.2307

■ 94.5226, 0.3005,
0.3377

■ 18.7230, 0.4515,
0.2315

■ 95.0676, 0.2958,
0.3290

■ 17.8931, 0.4709,
0.2368

Harmonies

Analogous

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



44.8158, 0.2955, 0.2621



44.8158, 0.3429, 0.2847



44.8158, 0.3842, 0.3176

Triad

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



44.8158, 0.3429, 0.2847



44.8158, 0.3683, 0.4107



44.8158, 0.2286, 0.2922

Complementary

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



44.8158, 0.3429, 0.2847



65.8291, 0.2909, 0.3781

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.



44.8158, 0.2450, 0.3351



44.8158, 0.3429, 0.2847



44.8158, 0.3244, 0.4090

Square

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



44.8158, 0.3429, 0.2847



44.8158, 0.3984, 0.3890



44.8158, 0.2794, 0.3801



44.8158, 0.2325, 0.2641

Rectangle

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



44.8158, 0.3429, 0.2847



44.8158, 0.4009, 0.3423



44.8158, 0.2794, 0.3801



44.8158, 0.2318, 0.3053

Sweetspot

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



44.8178, 0.3429, 0.2847



85.5951, 0.3201, 0.3164



40.6833, 0.2828, 0.2458



17.8574, 0.3214, 0.3143



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.



44.8178, 0.3429, 0.2847



52.4357, 0.3507, 0.2759



43.4177, 0.3765, 0.3238



14.5038, 0.3204, 0.3158



10.4613, 0.4680, 0.2352



0.7916, 0.4407, 0.2201

Inverse Universe

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



44.8178, 0.3429, 0.2847



52.4357, 0.3507, 0.2759



67.4923, 0.2716, 0.3344



14.5038, 0.3204, 0.3158



10.4613, 0.4680, 0.2352



0.7916, 0.4407, 0.2201

Previews

White Background



This preview shows how the Yxy color 44.8158, 0.3429, 0.2847 looks on a white background.

Color Contrast Check

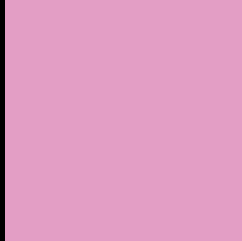
Large Text (above 18pt) WCAG AA × Fail

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 44.8158, 0.3429, 0.2847 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 44.8158, 0.3429, 0.2847

Background



This preview shows how black text looks on a background with the Yxy color 44.8158, 0.3429, 0.2847.



This preview shows how white text looks on a background with the Yxy color 44.8158, 0.3429, 0.2847.

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

44.8158, 0.3429, 0.2847

Protanopia

44.9817, 0.2842, 0.2867

Deuteranopia

44.9860, 0.3095, 0.3036



Tritanopia

44.7439, 0.3612, 0.3151

Trichromacy



Original Color

44.8158, 0.3429, 0.2847



Protanomaly

44.4947, 0.3043, 0.2857



Deuteranomaly

44.6419, 0.3215, 0.2960



Tritanomaly

44.8747, 0.3547, 0.3047

Monochromacy



Original Color

44.8158, 0.3429, 0.2847



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

46.0451, 0.3233, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8158, 0.3429, 0.2847 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(227, 158, 197)` looks like.

```
.text, #text, p{  
    color:rgb(227, 158, 197)  
}
```

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(227, 158, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 158, 197) }
```

Border

The CSS property to change the border of an element to Yxy 44.8158, 0.3429, 0.2847 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(227, 158, 197) }
```

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

```
.border{ border-color:rgb(227, 158, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 158, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 158, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 158, 197);  
box-shadow:4px 4px 4px 4px rgb(227, 158,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8158, 0.3429, 0.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 158, 197) }
```

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

```
.background{ background-color: rgb(227,  
158, 197) }
```

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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