

Converting Colors

$Y_{xy}(46.9033, 0.3409, 0.2935)$

Have a look what the booklet for
Yxy(46.9033, 0.3409, 0.2935)
contains.

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Color

Yxy(46.9033, 0.3409, 0.2935)

Conversions

Conversions Part 1

Format	Color
Hex	E1A5C4
RGB	225, 165, 196
RGB Percent	88%, 65%, 77%
CMY	0.1176, 0.3530, 0.2312
CMYK	0.00, 0.27, 0.13, 0.12
HSL	329°, 50%, 76%
HSV	329°, 27%, 88%
XYZ	54.4781, 46.9033, 58.4254
YIQ	186.4740, 25.8090, 22.3610

Conversions

Conversions Part 2

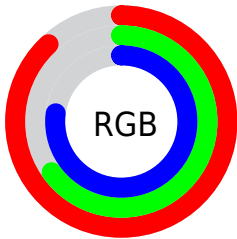
Format	Color
R _Y B	225, 165, 196
Decimal	14788036
CIE Lab	74.13, 26.85, -7.13
CIE LCh	74, 27.782, 345.133
Yxy	46.9033, 0.3409, 0.2935
Android (android.graphics.Color)	4292978116 (0xFFE1A5C4)
YUV	186.4740, 4.6963, 33.7873
Hunter-Lab	68.4860, 22.1399, -2.6401

Details

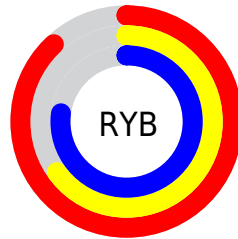
The Yxy color **46.9033, 0.3409, 0.2935** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.7552, 0.2917, 0.3675**, and the grayscale version is **49.3472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5382, 0.3156, 0.2969**, and **22.1983, 0.3490, 0.2854** is the 20% darker color. If you saturate the color by 10%, you get **39.0129, 0.3554, 0.2797**, and if you desaturate by 10%, it is **56.2618, 0.3287, 0.3073**.

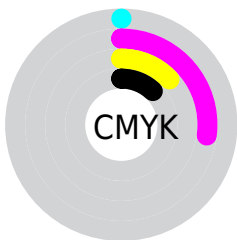
Distribution



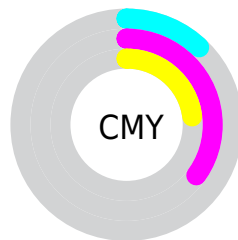
- Red (88%)
- Green (65%)
- Blue (77%)



- Red (88%)
- Yellow (65%)
- Blue (77%)



- Cyan (0%)
- Magenta (27%)
- Yellow (13%)
- Black (12%)





- Cyan (12%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9033, 0.3409, 0.2935 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 46.9033, 0.3409, 0.2935 by changing the saturation by 10% instead.


 46.9033, 0.3409,
0.2935


 46.9033, 0.3409,
0.2935


374.4284, 0.3271,
0.3107

 32.9592, 0.3443,
0.2893


 85.5693, 0.3359,
0.2997

 22.0952, 0.3486,
0.2841


 111.0599, 0.3340,
0.3020

 13.9269, 0.3542,
0.2773


141.1682, 0.3325,
0.3040

 8.0698, 0.3619,
0.2680

176.2786, 0.3311,
0.3057

 4.1397, 0.3732,
0.2547

216.7754, 0.3299,
0.3072

 1.7520, 0.3910,
0.2341

263.0431, 0.3288,

 0.4570, 0.4341,

0.3085

0.1779

315.4659, 0.3279,
0.3097

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.9033, 0.3409,
0.2935

46.9033, 0.3409,
0.2935

39.0129, 0.3554,
0.2797

56.2618, 0.3287,
0.3073

32.5087, 0.3724,
0.2664

67.1522, 0.3185,
0.3205

27.3103, 0.3919,
0.2546

79.6420, 0.3101,
0.3331

23.3266, 0.4136,
0.2456

93.7927, 0.3031,
0.3447

■ 20.4542, 0.4368,
0.2404

■ 94.4563, 0.2971,
0.3336

■ 18.5728, 0.4606,
0.2403

■ 94.7512, 0.2946,
0.3289

■ 17.5287, 0.4837,
0.2456

■ 17.2804, 0.4913,
0.2480

Harmonies

Analogous

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



46.9033, 0.3014, 0.2734



46.9033, 0.3409, 0.2935



46.9033, 0.3740, 0.3221

Triad

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



46.9033, 0.3409, 0.2935



46.9033, 0.3571, 0.3976



46.9033, 0.2414, 0.2966

Complementary

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



46.9033, 0.3409, 0.2935



65.7552, 0.2917, 0.3675

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.



46.9033, 0.2543, 0.3316



46.9033, 0.3409, 0.2935



46.9033, 0.3202, 0.3937

Square

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



46.9033, 0.3409, 0.2935



46.9033, 0.3831, 0.3817



46.9033, 0.2827, 0.3687



46.9033, 0.2460, 0.2736

Rectangle

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



46.9033, 0.3409, 0.2935



46.9033, 0.3869, 0.3433



46.9033, 0.2827, 0.3687



46.9033, 0.2438, 0.3073

Sweetspot

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



46.9054, 0.3409, 0.2935



87.0495, 0.3198, 0.3188



43.6830, 0.2888, 0.2572



18.1439, 0.3213, 0.3168



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.



46.9054, 0.3409, 0.2935



56.2377, 0.3486, 0.2858



45.7082, 0.3681, 0.3268



13.8183, 0.3211, 0.3169



9.9793, 0.4880, 0.2462



0.7098, 0.4552, 0.2281

Inverse Universe

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



46.9054, 0.3409, 0.2935



56.2377, 0.3486, 0.2858



67.1899, 0.2750, 0.3313



13.8183, 0.3211, 0.3169



9.9793, 0.4880, 0.2462



0.7098, 0.4552, 0.2281

Previews

White Background



This preview shows how the Yxy color 46.9033, 0.3409, 0.2935 looks on a white background.

Color Contrast Check

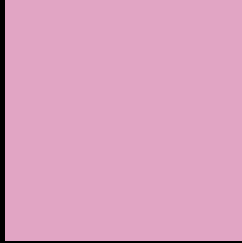
Large Text (above 18pt) WCAG AA × Fail

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 46.9033, 0.3409, 0.2935 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 46.9033, 0.3409, 0.2935

Background



This preview shows how black text looks on a background with the Yxy color 46.9033, 0.3409, 0.2935.



This preview shows how white text looks on a background with the Yxy color 46.9033, 0.3409, 0.2935.

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

46.9033, 0.3409, 0.2935

Protanopia

47.0877, 0.2920, 0.2973

Deuteranopia

46.9414, 0.3146, 0.3079



Tritanopia

47.0294, 0.3523, 0.3139

Trichromacy



Original Color

46.9033, 0.3409, 0.2935

Protanomaly

46.6600, 0.3091, 0.2958

Deuteranomaly

46.9491, 0.3237, 0.3024

Tritanomaly

47.0299, 0.3488, 0.3070

Monochromacy



Original Color

46.9033, 0.3409, 0.2935

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.8379, 0.3221, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9033, 0.3409, 0.2935 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(225, 165, 196)` looks like.

```
.text, #text, p{  
    color:rgb(225, 165, 196)  
}
```

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(225, 165, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 165, 196) }
```

Border

The CSS property to change the border of an element to Yxy 46.9033, 0.3409, 0.2935 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(225, 165, 196) }
```

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

```
.border{ border-color:rgb(225, 165, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 165, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 165, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 165, 196);  
box-shadow:4px 4px 4px 4px rgb(225, 165,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9033, 0.3409, 0.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 165, 196) }
```

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

```
.background{ background-color: rgb(225,  
165, 196) }
```

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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