

Converting Colors

$Y_{xy}(42.8860, 0.3677, 0.3116)$

Have a look what the booklet for
Yxy(42.8860, 0.3677, 0.3116)
contains.

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Color

Yxy(42.8860, 0.3677, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	E29CAB
RGB	226, 156, 171
RGB Percent	89%, 61%, 67%
CMY	0.1137, 0.3882, 0.3294
CMYK	0.00, 0.31, 0.24, 0.11
HSL	347°, 55%, 75%
HSV	347°, 31%, 89%
XYZ	50.6071, 42.8860, 44.1384
YIQ	178.6400, 36.9050, 19.5050

Conversions

Conversions Part 2

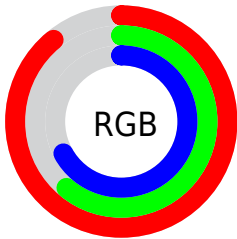
Format	Color
R _Y B	226, 156, 171
Decimal	14851243
CIE Lab	71.48, 28.20, 2.80
CIE LCh	71, 28.335, 5.681
Yxy	42.8860, 0.3677, 0.3116
Android (android.graphics.Color)	4293041323 (0xFFE29CAB)
YUV	178.6400, -3.7665, 41.5347
Hunter-Lab	65.4874, 23.3377, 5.8798

Details

The Yxy color **42.8860, 0.3677, 0.3116** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.1737, 0.2765, 0.3474**, and the grayscale version is **44.8848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3395, 0.3350, 0.3140**, and **19.6676, 0.3835, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **35.3631, 0.3943, 0.3059**, and if you desaturate by 10%, it is **51.9151, 0.3459, 0.3175**.

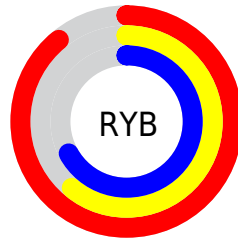
Distribution



Red (89%)

Green (61%)

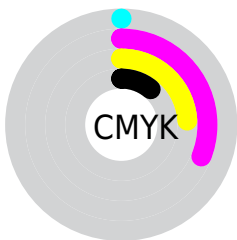
Blue (67%)



Red (89%)

Yellow (61%)

Blue (67%)

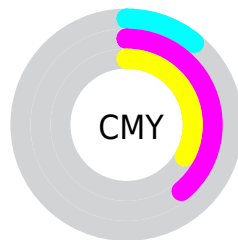


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (11%)



Cyan (11%)


Magenta (39%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.8860, 0.3677, 0.3116 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 42.8860, 0.3677, 0.3116 by changing the saturation by 10% instead.


 42.8860, 0.3677,
0.3116


 42.8860, 0.3677,
0.3116


358.1427, 0.3397,
0.3207

 29.7957, 0.3748,
0.3092


 79.5388, 0.3574,
0.3150

 19.6836, 0.3841,
0.3061


 103.8701, 0.3536,
0.3162

 12.1652, 0.3965,
0.3019


132.7171, 0.3504,
0.3172

 6.8563, 0.4141,
0.2958

166.4643, 0.3476,
0.3181

 3.3724, 0.4409,
0.2863

205.4961, 0.3452,
0.3189

 1.3291, 0.4861,
0.2695

250.1968, 0.3432,

 0.1636, 0.8376,

0.3196

0.1624

300.9509, 0.3413,
0.3201

0.0000, 0.0000,
0.0000

42.8860, 0.3677,
0.3116

42.8860, 0.3677,
0.3116

35.3631, 0.3943,
0.3059

51.9151, 0.3459,
0.3175

29.2585, 0.4261,
0.3008

62.5202, 0.3282,
0.3232

24.4841, 0.4628,
0.2972

74.7739, 0.3140,
0.3285

20.9398, 0.5031,
0.2960

88.7425, 0.3024,
0.3334

18.5109, 0.5438,
0.2981

94.9116, 0.2952,
0.3289

■ 17.0609, 0.5803,
0.3040

■ 16.3885, 0.6064,
0.3114

Harmonies

Analogous

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



42.8860, 0.3293, 0.2840



42.8860, 0.3677, 0.3116



42.8860, 0.3910, 0.3443

Triad

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



42.8860, 0.3677, 0.3116



42.8860, 0.3332, 0.4011



42.8860, 0.2393, 0.2767

Complementary

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



42.8860, 0.3677, 0.3116



66.1737, 0.2765, 0.3474

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.



42.8860, 0.2403, 0.3054



42.8860, 0.3677, 0.3116



42.8860, 0.2929, 0.3812

Square

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



42.8860, 0.3677, 0.3116



42.8860, 0.3696, 0.3977



42.8860, 0.2593, 0.3444



42.8860, 0.2562, 0.2637

Rectangle

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



42.8860, 0.3677, 0.3116



42.8860, 0.3939, 0.3659



42.8860, 0.2593, 0.3444



42.8860, 0.2376, 0.2846

Sweetspot

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



42.8880, 0.3677, 0.3116



85.1139, 0.3253, 0.3242



43.0943, 0.3030, 0.2490



17.7392, 0.3275, 0.3234



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.



42.8880, 0.3677, 0.3116



49.9583, 0.3838, 0.3080



49.5584, 0.3758, 0.3523



13.7484, 0.3258, 0.3240



9.3623, 0.6028, 0.3094



0.6621, 0.5599, 0.2858

Inverse Universe

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



42.8880, 0.3677, 0.3116



49.9583, 0.3838, 0.3080



56.7882, 0.2655, 0.3042



13.7484, 0.3258, 0.3240



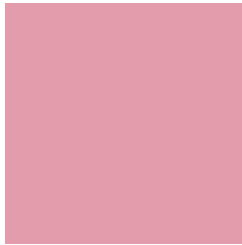
9.3623, 0.6028, 0.3094



0.6621, 0.5599, 0.2858

Previews

White Background



This preview shows how the Yxy color 42.8860, 0.3677, 0.3116 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 42.8860, 0.3677, 0.3116 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 42.8860, 0.3677, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 42.8860, 0.3677, 0.3116.



This preview shows how white text looks on a background with the Yxy color 42.8860, 0.3677, 0.3116.

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

42.8860, 0.3677, 0.3116

Protanopia

42.9966, 0.3088, 0.3183

Deuteranopia

43.2161, 0.3367, 0.3304



Tritanopia

42.7728, 0.3707, 0.3151

Trichromacy



Original Color

42.8860, 0.3677, 0.3116

Protanomaly

42.4539, 0.3291, 0.3150

Deuteranomaly

42.9344, 0.3471, 0.3229

Tritanomaly

42.8103, 0.3697, 0.3139

Monochromacy



Original Color

42.8860, 0.3677, 0.3116

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.9962, 0.3312, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8860, 0.3677, 0.3116 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(226, 156, 171)` looks like.

```
.text, #text, p{  
    color:rgb(226, 156, 171)  
}
```

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(226, 156, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 156, 171) }
```

Border

The CSS property to change the border of an element to Yxy 42.8860, 0.3677, 0.3116 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(226, 156, 171) }
```

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

```
.border{ border-color:rgb(226, 156, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 156, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 156, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 156, 171);  
box-shadow:4px 4px 4px 4px rgb(226, 156,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8860, 0.3677, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 156, 171) }
```

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

```
.background{ background-color: rgb(226,  
156, 171) }
```

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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