

Converting Colors

$Y_{xy}(41.8221, 0.3628, 0.2960)$

Have a look what the booklet for
Yxy(41.8221, 0.3628, 0.2960)
contains.

Yxy(41.8819, 0.3628, 0.2968)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.8819, 0.3628, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	E497B3
RGB	228, 151, 179
RGB Percent	89%, 59%, 70%
CMY	0.1059, 0.4078, 0.2980
CMYK	0.00, 0.34, 0.21, 0.11
HSL	338°, 59%, 74%
HSV	338°, 34%, 89%
XYZ	51.1953, 41.8819, 48.0344
YIQ	177.2150, 36.9040, 25.0320

Conversions

Conversions Part 2

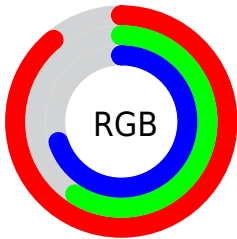
Format	Color
R _Y B	228, 151, 179
Decimal	14981043
CIE Lab	70.79, 32.73, -2.61
CIE LCh	71, 32.830, 355.433
Yxy	41.8819, 0.3628, 0.2968
Android (android.graphics.Color)	4293171123 (0xFFE497B3)
YUV	177.2150, 0.8800, 44.5384
Hunter-Lab	64.7162, 27.9531, 1.2945

Details

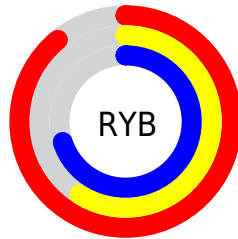
The Yxy color **41.8819, 0.3628, 0.2968** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.2304, 0.2800, 0.3641**, and the grayscale version is **44.0673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4008, 0.3291, 0.3001**, and **19.0880, 0.3779, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **34.6843, 0.3849, 0.2872**, and if you desaturate by 10%, it is **50.5642, 0.3444, 0.3067**.

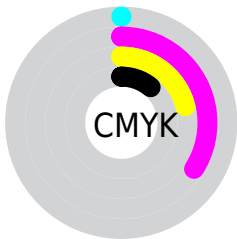
Distribution



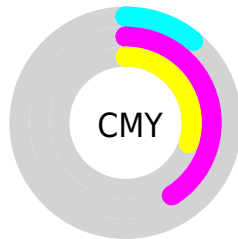
- Red (89%)
- Green (59%)
- Blue (70%)



- Red (89%)
- Yellow (59%)
- Blue (70%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8819, 0.3628, 0.2968 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 41.8819, 0.3628, 0.2968 by changing the saturation by 10% instead.

 41.8819, 0.3628,
0.2968


 41.8819, 0.3628,
0.2968


353.9931, 0.3374,
0.3130

 29.0088, 0.3692,
0.2928


 78.0209, 0.3535,
0.3027

 19.0875, 0.3775,
0.2876


 102.0555, 0.3501,
0.3049

 11.7335, 0.3887,
0.2806


130.5795, 0.3471,
0.3067

 6.5625, 0.4044,
0.2710

163.9772, 0.3446,
0.3083

 3.1900, 0.4281,
0.2566

202.6331, 0.3425,
0.3097

 1.2317, 0.4680,
0.2329

246.9314, 0.3406,

 0.0874, 0.7073,

0.3109

0.0700

297.2566, 0.3389,
0.3120

0.0000, 0.0000,
0.0000

41.8819, 0.3628,
0.2968

41.8819, 0.3628,
0.2968

34.6843, 0.3849,
0.2872

50.5642, 0.3444,
0.3067

28.8813, 0.4109,
0.2786

60.8025, 0.3292,
0.3164

24.3826, 0.4406,
0.2722

72.6707, 0.3168,
0.3257

21.0842, 0.4730,
0.2692

86.2362, 0.3066,
0.3343

18.8664, 0.5062,
0.2707

95.0114, 0.2983,
0.3324

■ 17.5838, 0.5378,
0.2775

■ 95.2319, 0.2964,
0.3290

■ 17.1150, 0.5558,
0.2835

Harmonies

Analogous

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



41.8819, 0.3150, 0.2688



41.8819, 0.3628, 0.2968



41.8819, 0.3978, 0.3329

Triad

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



41.8819, 0.3628, 0.2968



41.8819, 0.3517, 0.4152



41.8819, 0.2260, 0.2772

Complementary

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



41.8819, 0.3628, 0.2968



66.2304, 0.2800, 0.3641

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.



41.8819, 0.2342, 0.3156



41.8819, 0.3628, 0.2968



41.8819, 0.3048, 0.4017

Square

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



41.8819, 0.3628, 0.2968



41.8819, 0.3898, 0.4016



41.8819, 0.2621, 0.3630



41.8819, 0.2385, 0.2563

Rectangle

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



41.8819, 0.3628, 0.2968



41.8819, 0.4074, 0.3583



41.8819, 0.2621, 0.3630



41.8819, 0.2264, 0.2883

Sweetspot

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



41.8839, 0.3628, 0.2968



83.7943, 0.3243, 0.3199



39.9847, 0.2918, 0.2389



17.4854, 0.3261, 0.3186



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.



41.8839, 0.3628, 0.2968



46.8676, 0.3790, 0.2895



44.3129, 0.3879, 0.3412



14.4542, 0.3236, 0.3205



9.9048, 0.5518, 0.2813



0.7493, 0.5116, 0.2592

Inverse Universe

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



41.8839, 0.3628, 0.2968



46.8676, 0.3790, 0.2895



62.1810, 0.2633, 0.3163



14.4542, 0.3236, 0.3205



9.9048, 0.5518, 0.2813



0.7493, 0.5116, 0.2592

Previews

White Background



This preview shows how the Yxy color 41.8819, 0.3628, 0.2968 looks on a white background.

Color Contrast Check

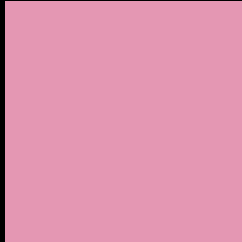
Large Text (above 18pt) WCAG AA × Fail

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 41.8819, 0.3628, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

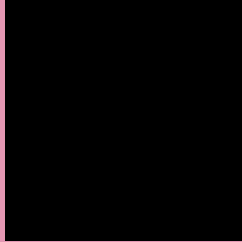
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8819, 0.3628, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 41.8819, 0.3628, 0.2968.



This preview shows how white text looks on a background with the Yxy color 41.8819, 0.3628, 0.2968.

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

41.8819, 0.3628, 0.2968

Protanopia

41.9687, 0.2958, 0.3023

Deuteranopia

41.9587, 0.3252, 0.3186



Tritanopia

41.6678, 0.3747, 0.3151

Trichromacy



Original Color

41.8819, 0.3628, 0.2968

Protanomaly

41.3452, 0.3187, 0.2996

Deuteranomaly

41.7115, 0.3383, 0.3102

Tritanomaly

41.6896, 0.3708, 0.3082

Monochromacy



Original Color

41.8819, 0.3628, 0.2968

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.9554, 0.3299, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8819, 0.3628, 0.2968 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(228, 151, 179)` looks like.

```
.text, #text, p{  
    color:rgb(228, 151, 179)  
}
```

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(228, 151, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 151, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.8819, 0.3628, 0.2968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

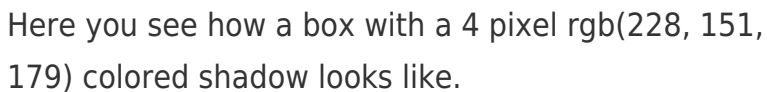
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 151, 179) }
```

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

```
.border{ border-color:rgb(228, 151, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 151, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 151, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 151, 179); box-shadow:4px 4px 4px 4px rgb(228, 151, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8819, 0.3628, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 151, 179) }
```

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

```
.background{ background-color: rgb(228,  
151, 179) }
```

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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