

Converting Colors

$Y_{xy}(28.9741, 0.3941, 0.2780)$

Have a look what the booklet for
Yxy(28.9741, 0.3941, 0.2780)
contains.

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Color

Yxy(28.9176, 0.3948, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	DC6F9A
RGB	220, 111, 154
RGB Percent	86%, 44%, 60%
CMY	0.1372, 0.5647, 0.3961
CMYK	0.00, 0.50, 0.30, 0.14
HSL	336°, 61%, 65%
HSV	336°, 50%, 86%
XYZ	41.0376, 28.9176, 33.9901
YIQ	148.4930, 51.1610, 36.4810

Conversions

Conversions Part 2

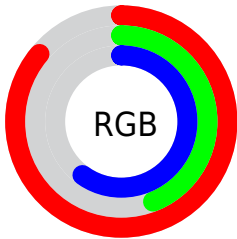
Format	Color
R _Y B	220, 111, 154
Decimal	14446490
CIE Lab	60.71, 47.27, -3.42
CIE LCh	61, 47.389, 355.865
Yxy	28.9176, 0.3948, 0.2782
Android (android.graphics.Color)	4292636570 (0xFFDC6F9A)
YUV	148.4930, 2.7150, 62.7116
Hunter-Lab	53.7751, 42.1131, 0.1666

Details

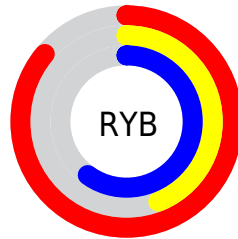
The Yxy color **28.9176, 0.3948, 0.2782** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **57.7527, 0.2700, 0.3890**, and the grayscale version is **29.8032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7243, 0.3569, 0.2847**, and **11.6868, 0.4225, 0.2618** is the 20% darker color. If you saturate the color by 10%, you get **24.2755, 0.4213, 0.2700**, and if you desaturate by 10%, it is **34.7942, 0.3719, 0.2881**.

Distribution



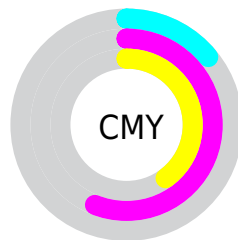
- Red (86%)
- Green (44%)
- Blue (60%)



- Red (86%)
- Yellow (44%)
- Blue (60%)



- Cyan (0%)
- Magenta (50%)
- Yellow (30%)
- Black (14%)





- Cyan (14%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9176, 0.3948, 0.2782 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 28.9176, 0.3948, 0.2782 by changing the saturation by 10% instead.


 28.9176, 0.3948,
0.2782


 28.9176, 0.3948,
0.2782


296.8260, 0.3509,
0.3050

 19.0185, 0.4067,
0.2711


 57.9461, 0.3782,
0.2883

 11.6836, 0.4226,
0.2616


 77.8444, 0.3721,
0.2919

 6.5286, 0.4448,
0.2486


 101.8444, 0.3671,
0.2950

 3.1691, 0.4779,
0.2295

 130.3307, 0.3629,
0.2976

 1.2206, 0.5317,
0.1993

163.6876, 0.3592,
0.2999

 0.0785, 0.7621,
0.0463

202.2995, 0.3561,

 0.0000, 1.0000,

0.3018


0.0000


246.5508, 0.3534,
0.3035

 0.0000, 0.0000,
0.0000


 28.9176, 0.3948,
0.2782


 28.9176, 0.3948,
0.2782


 24.2755, 0.4213,
0.2700


 34.7942, 0.3719,
0.2881


 20.7734, 0.4507,
0.2646


 41.9818, 0.3525,
0.2987


 18.3104, 0.4820,
0.2634


 50.5560, 0.3364,
0.3094


 16.7652, 0.5129,
0.2674


 60.5851, 0.3232,
0.3197

 15.9350, 0.5416,
0.2760

 72.1330, 0.3123,
0.3294

 15.9041, 0.5429,
0.2764

 85.2599, 0.3034,
0.3385

 93.4710, 0.2959,
0.3368

 93.9594, 0.2917,
0.3289

Harmonies

Analogous

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



28.9176, 0.3155, 0.2371



28.9176, 0.3948, 0.2782



28.9176, 0.4526, 0.3310

Triad

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



28.9176, 0.3948, 0.2782



28.9176, 0.3691, 0.4713



28.9176, 0.1797, 0.2432

Complementary

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



28.9176, 0.3948, 0.2782



57.7527, 0.2700, 0.3890

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.



28.9176, 0.1897, 0.3020



28.9176, 0.3948, 0.2782



28.9176, 0.2950, 0.4533

Square

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



28.9176, 0.3948, 0.2782



28.9176, 0.4320, 0.4407



28.9176, 0.2297, 0.3839



28.9176, 0.1984, 0.2153

Rectangle

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



28.9176, 0.3948, 0.2782



28.9176, 0.4664, 0.3689



28.9176, 0.2297, 0.3839



28.9176, 0.1798, 0.2593

Sweetspot

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



28.9190, 0.3948, 0.2782



76.5739, 0.3302, 0.3140



25.8131, 0.2748, 0.1938



15.7681, 0.3331, 0.3118



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.



28.9190, 0.3948, 0.2782



33.9483, 0.4211, 0.2700



30.2596, 0.4450, 0.3423



13.1362, 0.3230, 0.3198



9.3522, 0.5389, 0.2743



0.6225, 0.4955, 0.2503

Inverse Universe

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



28.9190, 0.3948, 0.2782



33.9483, 0.4211, 0.2700



54.2075, 0.2453, 0.3143



13.1362, 0.3230, 0.3198



9.3522, 0.5389, 0.2743



0.6225, 0.4955, 0.2503

Previews

White Background



This preview shows how the Yxy color 28.9176, 0.3948, 0.2782 looks on a white background.

Color Contrast Check

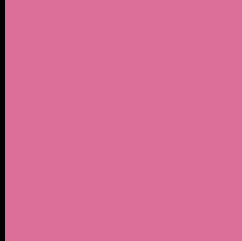
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9176, 0.3948, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

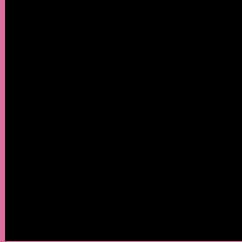
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9176, 0.3948, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 28.9176, 0.3948, 0.2782.



This preview shows how white text looks on a background with the Yxy color 28.9176, 0.3948, 0.2782.

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

28.9176, 0.3948, 0.2782

Protanopia

29.3551, 0.2807, 0.2832

Deuteranopia

28.9895, 0.3250, 0.3184



Tritanopia

28.9550, 0.4270, 0.3196

Trichromacy



Original Color

28.9176, 0.3948, 0.2782

Protanomaly

28.1483, 0.3172, 0.2788

Deuteranomaly

28.4120, 0.3494, 0.3009

Tritanomaly

28.9445, 0.4147, 0.3039

Monochromacy



Original Color

28.9176, 0.3948, 0.2782

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.5286, 0.3406, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9176, 0.3948, 0.2782 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(220, 111, 154)` looks like.

```
.text, #text, p{  
    color:rgb(220, 111, 154)  
}
```

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(220, 111, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 111, 154) }
```

Border

The CSS property to change the border of an element to Yxy 28.9176, 0.3948, 0.2782 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(220, 111, 154) }
```

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

```
.border{ border-color:rgb(220, 111, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 111, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 111, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 111, 154);  
box-shadow:4px 4px 4px 4px rgb(220, 111,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9176, 0.3948, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 111, 154) }
```

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

```
.background{ background-color: rgb(220,  
111, 154) }
```

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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