

Converting Colors

$Y_{xy}(27.9837, 0.4035, 0.2891)$

Have a look what the booklet for
Yxy(27.9837, 0.4035, 0.2891)
contains.

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Color

Yxy(27.9814, 0.4035, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	D86F90
RGB	216, 111, 144
RGB Percent	85%, 44%, 56%
CMY	0.1529, 0.5647, 0.4353
CMYK	0.00, 0.49, 0.33, 0.15
HSL	341°, 57%, 64%
HSV	341°, 49%, 85%
XYZ	39.0404, 27.9814, 29.7327
YIQ	146.1570, 51.9870, 32.5230

Conversions

Conversions Part 2

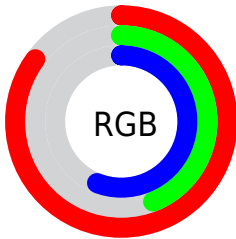
Format	Color
R _Y B	216, 111, 144
Decimal	14184336
CIE Lab	59.87, 44.64, 1.06
CIE LCh	60, 44.652, 1.360
Yxy	27.9814, 0.4035, 0.2892
Android (android.graphics.Color)	4292374416 (0xFFD86F90)
YUV	146.1570, -1.0634, 61.2523
Hunter-Lab	52.8974, 39.1696, 3.7024

Details

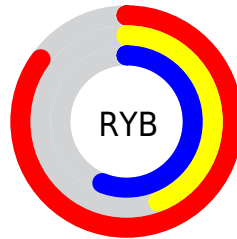
The Yxy color **27.9814, 0.4035, 0.2892** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **55.9157, 0.2660, 0.3751**, and the grayscale version is **28.8013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2475, 0.3661, 0.2948**, and **11.2052, 0.4344, 0.2752** is the 20% darker color. If you saturate the color by 10%, you get **23.4018, 0.4338, 0.2827**, and if you desaturate by 10%, it is **33.7629, 0.3775, 0.2971**.

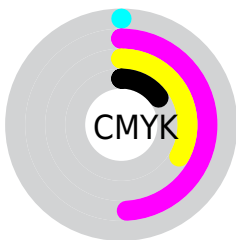
Distribution



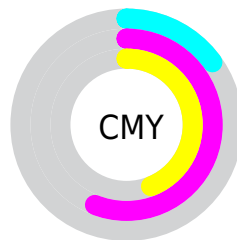
- Red (85%)
- Green (44%)
- Blue (56%)



- Red (85%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (49%)
- Yellow (33%)
- Black (15%)




- Cyan (15%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9814, 0.4035, 0.2892 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 27.9814, 0.4035, 0.2892 by changing the saturation by 10% instead.


 27.9814, 0.4035,
0.2892


 27.9814, 0.4035,
0.2892


292.3780, 0.3544,
0.3109


 18.3116, 0.4171,
0.2832


 56.4547, 0.3847,
0.2975

 11.1740, 0.4353,
0.2750


 76.0271, 0.3779,
0.3005

 6.1840, 0.4611,
0.2634

 99.6692, 0.3723,
0.3030

 2.9573, 0.5000,
0.2458

 127.7652, 0.3676,
0.3051

 1.1095, 0.5645,
0.2163

160.6998, 0.3636,
0.3069

 0.0000, 1.0000,
0.0000

198.8572, 0.3601,

 0.0000, 0.0000,

0.3084

0.0000

242.6218, 0.3570,
0.3097

■ 27.9814, 0.4035,
0.2892

■ 27.9814, 0.4035,
0.2892

■ 23.4018, 0.4338,
0.2827

■ 33.7629, 0.3775,
0.2971

■ 19.9339, 0.4677,
0.2788

■ 40.8193, 0.3557,
0.3056

■ 17.4818, 0.5036,
0.2787


■ 49.2230, 0.3378,
0.3141


■ 15.9308, 0.5385,
0.2832

■ 59.0396, 0.3232,
0.3223

■ 15.1073, 0.5696,
0.2921

■ 70.3303, 0.3112,
0.3300

 15.0169, 0.5737,
0.2934

 83.1528, 0.3015,
0.3372

 92.8783, 0.2933,
0.3364

 93.3407, 0.2894,
0.3289

Harmonies

Analogous

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



27.9814, 0.3295, 0.2469



27.9814, 0.4035, 0.2892



27.9814, 0.4518, 0.3414

Triad

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



27.9814, 0.4035, 0.2892



27.9814, 0.3545, 0.4653



27.9814, 0.1862, 0.2401

Complementary

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



27.9814, 0.4035, 0.2892



55.9157, 0.2660, 0.3751

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.



27.9814, 0.1908, 0.2912



27.9814, 0.4035, 0.2892



27.9814, 0.2836, 0.4376

Square

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



27.9814, 0.4035, 0.2892



27.9814, 0.4179, 0.4439



27.9814, 0.2244, 0.3666



27.9814, 0.2092, 0.2180

Rectangle

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



27.9814, 0.4035, 0.2892



27.9814, 0.4594, 0.3782



27.9814, 0.2244, 0.3666



27.9814, 0.1846, 0.2538

Sweetspot

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



27.9828, 0.4035, 0.2892



76.4015, 0.3324, 0.3170



26.3641, 0.2845, 0.1997



15.7269, 0.3357, 0.3153



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.



27.9828, 0.4035, 0.2892



34.1159, 0.4336, 0.2828



31.7800, 0.4352, 0.3527



12.4845, 0.3242, 0.3217



8.9047, 0.5697, 0.2912



0.5519, 0.5202, 0.2639

Inverse Universe

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



27.9828, 0.4035, 0.2892



34.1159, 0.4336, 0.2828



48.1608, 0.2440, 0.3024



12.4845, 0.3242, 0.3217



8.9047, 0.5697, 0.2912



0.5519, 0.5202, 0.2639

Previews

White Background



This preview shows how the Yxy color 27.9814, 0.4035, 0.2892 looks on a white background.

Color Contrast Check

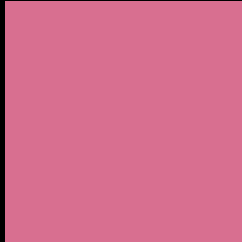
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9814, 0.4035, 0.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

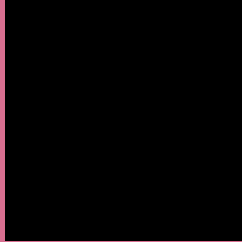
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9814, 0.4035, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 27.9814, 0.4035, 0.2892.



This preview shows how white text looks on a background with the Yxy color 27.9814, 0.4035, 0.2892.

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

27.9814, 0.4035, 0.2892

Protanopia

28.3776, 0.2919, 0.2976

Deuteranopia

28.1973, 0.3369, 0.3306



Tritanopia

27.9877, 0.4274, 0.3195

Trichromacy



Original Color

27.9814, 0.4035, 0.2892

Protanomaly

27.3719, 0.3279, 0.2923

Deuteranomaly

27.4474, 0.3604, 0.3119

Tritanomaly

28.1204, 0.4184, 0.3085

Monochromacy



Original Color

27.9814, 0.4035, 0.2892

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.4773, 0.3432, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9814, 0.4035, 0.2892 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(216, 111, 144)` looks like.

```
.text, #text, p{  
    color:rgb(216, 111, 144)  
}
```

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(216, 111, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 111, 144) }
```

Border

The CSS property to change the border of an element to Yxy 27.9814, 0.4035, 0.2892 is called "border". The border property can be set on classes, ids or directly on the HTML element.

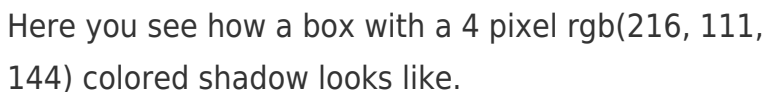
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 111, 144) }
```

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

```
.border{ border-color:rgb(216, 111, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 111, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 111, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 111, 144); box-shadow:4px 4px 4px 4px rgb(216, 111, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9814, 0.4035, 0.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 111, 144) }
```

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

```
.background{ background-color: rgb(216,  
111, 144) }
```

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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