

Converting Colors

Yxy(26.8593, 0.3847, 0.2811)

Have a look what the booklet for
Yxy(26.8593, 0.3847, 0.2811)
contains.

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Color

Yxy(26.9122, 0.3837, 0.2810)

Conversions

Conversions Part 1

Format	Color
Hex	CE7096
RGB	206, 112, 150
RGB Percent	81%, 44%, 59%
CMY	0.1922, 0.5607, 0.4118
CMYK	0.00, 0.46, 0.27, 0.19
HSL	336°, 49%, 62%
HSV	336°, 46%, 81%
XYZ	36.7481, 26.9122, 32.1127
YIQ	144.4380, 43.8260, 31.7460

Conversions

Conversions Part 2

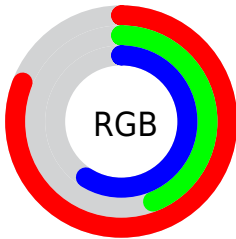
Format	Color
R _Y B	206, 112, 150
Decimal	13529238
CIE Lab	58.89, 41.44, -4.00
CIE LCh	59, 41.630, 354.484
Yxy	26.9122, 0.3837, 0.2810
Android (android.graphics.Color)	4291719318 (0xFFCE7096)
YUV	144.4380, 2.7421, 53.9899
Hunter-Lab	51.8770, 35.6593, -0.3876

Details

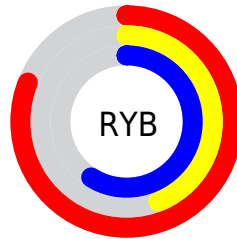
The Yxy color **26.9122, 0.3837, 0.2810** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.4045, 0.2732, 0.3845**, and the grayscale version is **28.0530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8921, 0.3603, 0.2898**, and **10.5221, 0.4090, 0.2646** is the 20% darker color. If you saturate the color by 10%, you get **22.5004, 0.4081, 0.2718**, and if you desaturate by 10%, it is **32.4076, 0.3627, 0.2915**.

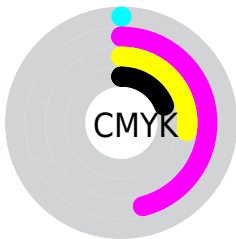
Distribution



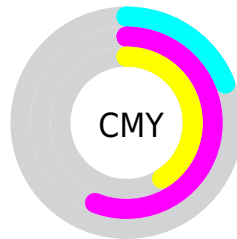
- Red (81%)
- Green (44%)
- Blue (59%)



- Red (81%)
- Yellow (44%)
- Blue (59%)



- Cyan (0%)
- Magenta (46%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (56%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9122, 0.3837, 0.2810 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 26.9122, 0.3837, 0.2810 by changing the saturation by 10% instead.


 26.9122, 0.3837,
0.2810


 26.9122, 0.3837,
0.2810


287.2318, 0.3454,
0.3066


 17.5073, 0.3943,
0.2741

 54.7429, 0.3690,
0.2907


 10.5968, 0.4086,
0.2649


 73.9376, 0.3638,
0.2942

 5.7964, 0.4287,
0.2520


 97.1642, 0.3594,
0.2971

 2.7217, 0.4594,
0.2329

 124.8073, 0.3557,
0.2996

 0.9882, 0.5110,
0.2018

157.2512, 0.3525,
0.3017

 0.0000, 0.8596,
0.0000

194.8803, 0.3498,

 0.0000, 0.0000,

0.3035

0.0000

238.0790, 0.3475,
0.3051

■ 26.9122, 0.3837,
0.2810

■ 26.9122, 0.3837,
0.2810

■ 22.5004, 0.4081,
0.2718

■ 32.4076, 0.3627,
0.2915

■ 19.0953, 0.4358,
0.2648

■ 39.0491, 0.3451,
0.3024

■ 16.6157, 0.4657,
0.2615

■ 46.8987, 0.3305,
0.3132


■ 14.9664, 0.4964,
0.2630


■ 56.0131, 0.3185,
0.3235


■ 14.0299, 0.5256,
0.2698

■ 66.4452, 0.3086,
0.3332

 13.7471, 0.5379,
0.2737

 78.2450, 0.3005,
0.3421

 90.6888, 0.2938,
0.3491

 91.4264, 0.2873,
0.3360

 91.8585, 0.2838,
0.3289

Harmonies

Analogous

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



26.9122, 0.3124, 0.2436



26.9122, 0.3837, 0.2810



26.9122, 0.4370, 0.3296

Triad

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



26.9122, 0.3837, 0.2810



26.9122, 0.3680, 0.4566



26.9122, 0.1908, 0.2536

Complementary

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



26.9122, 0.3837, 0.2810



50.4045, 0.2732, 0.3845

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.



26.9122, 0.2017, 0.3087



26.9122, 0.3837, 0.2810



26.9122, 0.3007, 0.4413

Square

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



26.9122, 0.3837, 0.2810



26.9122, 0.4238, 0.4297



26.9122, 0.2402, 0.3817



26.9122, 0.2069, 0.2260

Rectangle

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



26.9122, 0.3837, 0.2810



26.9122, 0.4513, 0.3646



26.9122, 0.2402, 0.3817



26.9122, 0.1914, 0.2690

Sweetspot

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



26.9135, 0.3837, 0.2810



78.0048, 0.3287, 0.3147



24.2449, 0.2773, 0.2048



16.0509, 0.3315, 0.3124



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.



26.9135, 0.3837, 0.2810



36.4218, 0.4083, 0.2717



27.6858, 0.4299, 0.3393



11.2876, 0.3228, 0.3197



8.4853, 0.5341, 0.2716



0.4527, 0.4828, 0.2433

Inverse Universe

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



26.9135, 0.3837, 0.2810



36.4218, 0.4083, 0.2717



48.3567, 0.2501, 0.3179



11.2876, 0.3228, 0.3197



8.4853, 0.5341, 0.2716



0.4527, 0.4828, 0.2433

Previews

White Background



This preview shows how the Yxy color 26.9122, 0.3837, 0.2810 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 26.9122, 0.3837, 0.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

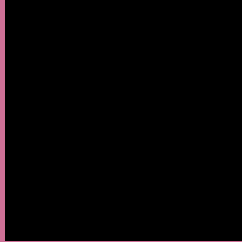
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9122, 0.3837, 0.2810

Background



This preview shows how black text looks on a background with the Yxy color 26.9122, 0.3837, 0.2810.



This preview shows how white text looks on a background with the Yxy color 26.9122, 0.3837, 0.2810.

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

26.9122, 0.3837, 0.2810

Protanopia

27.1953, 0.2833, 0.2863

Deuteranopia

27.1223, 0.3221, 0.3165



Tritanopia

27.0406, 0.4124, 0.3189

Trichromacy



Original Color

26.9122, 0.3837, 0.2810

Protanomaly

26.2199, 0.3160, 0.2826

Deuteranomaly

26.6913, 0.3441, 0.3026

Tritanomaly

26.9618, 0.4026, 0.3048

Monochromacy



Original Color

26.9122, 0.3837, 0.2810

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.7933, 0.3377, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9122, 0.3837, 0.2810 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(206, 112, 150)` looks like.

```
.text, #text, p{  
    color:rgb(206, 112, 150)  
}
```

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(206, 112, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 112, 150) }
```

Border

The CSS property to change the border of an element to Yxy 26.9122, 0.3837, 0.2810 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(206, 112, 150) }
```

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

```
.border{ border-color:rgb(206, 112, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 112, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 112, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 112, 150);  
box-shadow:4px 4px 4px 4px rgb(206, 112,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9122, 0.3837, 0.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 112, 150) }
```

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

```
.background{ background-color: rgb(206,  
112, 150) }
```

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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