

Converting Colors

Yxy(26.9154, 0.3689, 0.2664)

Have a look what the booklet for
Yxy(26.9154, 0.3689, 0.2664)
contains.

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Color

Yxy(26.9212, 0.3687, 0.2661)

Conversions

Conversions Part 1

Format	Color
Hex	CD6FA1
RGB	205, 111, 161
RGB Percent	80%, 44%, 63%
CMY	0.1959, 0.5648, 0.3686
CMYK	0.00, 0.46, 0.21, 0.20
HSL	328°, 48%, 62%
HSV	328°, 46%, 80%
XYZ	37.3012, 26.9212, 36.9471
YIQ	144.8060, 39.9740, 35.4780

Conversions

Conversions Part 2

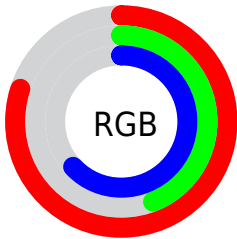
Format	Color
R _Y B	205, 111, 161
Decimal	13463457
CIE Lab	58.90, 43.22, -10.36
CIE LCh	59, 44.444, 346.522
Yxy	26.9212, 0.3687, 0.2661
Android (android.graphics.Color)	4291653537 (0xFFCD6FA1)
YUV	144.8060, 7.9836, 52.7901
Hunter-Lab	51.8856, 37.5258, -5.8997

Details

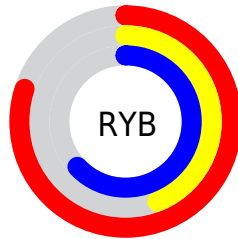
The Yxy color **26.9212, 0.3687, 0.2661** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **49.4252, 0.2801, 0.4035**, and the grayscale version is **28.1870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1281, 0.3496, 0.2768**, and **10.6216, 0.3890, 0.2471** is the 20% darker color. If you saturate the color by 10%, you get **22.6250, 0.3871, 0.2539**, and if you desaturate by 10%, it is **32.2728, 0.3526, 0.2797**.

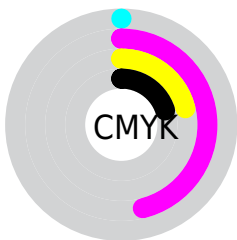
Distribution



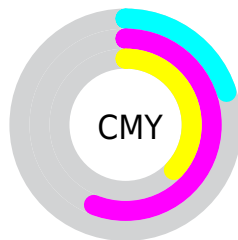
- Red (80%)
- Green (44%)
- Blue (63%)



- Red (80%)
- Yellow (44%)
- Blue (63%)



- Cyan (0%)
- Magenta (46%)
- Yellow (21%)
- Black (20%)





- Cyan (20%)
- Magenta (56%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9212, 0.3687, 0.2661 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 26.9212, 0.3687, 0.2661 by changing the saturation by 10% instead.

 26.9212, 0.3687,
0.2661


 26.9212, 0.3687,
0.2661


287.2754, 0.3390,
0.2988


 17.5140, 0.3767,
0.2576


 54.7574, 0.3575,
0.2783


 10.6017, 0.3873,
0.2464


 73.9552, 0.3534,
0.2827

 5.7997, 0.4021,
0.2311


 97.1854, 0.3500,
0.2865

 2.7237, 0.4241,
0.2092

 124.8323, 0.3471,
0.2897

 0.9892, 0.4597,
0.1753

157.2804, 0.3447,
0.2924

 0.0000, 0.6145,
0.0000

194.9140, 0.3425,

 0.0000, 0.0000,

0.2948

0.0000

238.1175, 0.3407,
0.2969

■ 26.9212, 0.3687,
0.2661

■ 26.9212, 0.3687,
0.2661

■ 22.6250, 0.3871,
0.2539

■ 32.2728, 0.3526,
0.2797

■ 19.3084, 0.4077,
0.2441

■ 38.7408, 0.3389,
0.2939

■ 16.8919, 0.4298,
0.2382


■ 46.3864, 0.3273,
0.3079

■ 15.2813, 0.4525,
0.2370


■ 55.2650, 0.3176,
0.3214

■ 14.3601, 0.4748,
0.2413


■ 65.4284, 0.3096,
0.3342

 14.0890, 0.4839,
0.2439

 76.9257, 0.3029,
0.3460

 89.8031, 0.2974,
0.3570

 90.6654, 0.2923,
0.3471

 91.2443, 0.2872,
0.3369

Harmonies

Analogous

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



26.9212, 0.2924, 0.2312



26.9212, 0.3687, 0.2661



26.9212, 0.4338, 0.3147

Triad

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



26.9212, 0.3687, 0.2661



26.9212, 0.3884, 0.4607



26.9212, 0.1841, 0.2611

Complementary

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



26.9212, 0.3687, 0.2661



49.4252, 0.2801, 0.4035

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.



26.9212, 0.2030, 0.3265



26.9212, 0.3687, 0.2661



26.9212, 0.3184, 0.4593

Square

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



26.9212, 0.3687, 0.2661



26.9212, 0.4417, 0.4227



26.9212, 0.2506, 0.4057



26.9212, 0.1937, 0.2247

Rectangle

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



26.9212, 0.3687, 0.2661



26.9212, 0.4569, 0.3509



26.9212, 0.2506, 0.4057



26.9212, 0.1871, 0.2799

Sweetspot

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



26.9225, 0.3687, 0.2661



78.2695, 0.3255, 0.3102



22.7308, 0.2661, 0.2003



16.1152, 0.3278, 0.3072



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.



26.9225, 0.3687, 0.2661



37.1530, 0.3868, 0.2541



25.5670, 0.4316, 0.3254



11.3117, 0.3208, 0.3167



8.7869, 0.4809, 0.2423



0.4686, 0.4413, 0.2205

Inverse Universe

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



26.9225, 0.3687, 0.2661



37.1530, 0.3868, 0.2541



51.3175, 0.2535, 0.3332



11.3117, 0.3208, 0.3167



8.7869, 0.4809, 0.2423



0.4686, 0.4413, 0.2205

Previews

White Background



This preview shows how the Yxy color 26.9212, 0.3687, 0.2661 looks on a white background.

Color Contrast Check

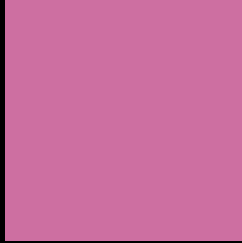
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9212, 0.3687, 0.2661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

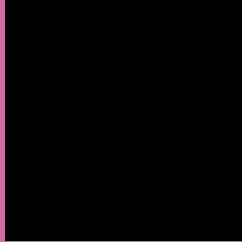
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9212, 0.3687, 0.2661

Background



This preview shows how black text looks on a background with the Yxy color 26.9212, 0.3687, 0.2661.



This preview shows how white text looks on a background with the Yxy color 26.9212, 0.3687, 0.2661.

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

26.9212, 0.3687, 0.2661

Protanopia

27.2915, 0.2679, 0.2670

Deuteranopia

26.9668, 0.3065, 0.3008



Tritanopia

27.0198, 0.4083, 0.3188

Trichromacy



Original Color

26.9212, 0.3687, 0.2661

Protanomaly

26.3922, 0.2996, 0.2643

Deuteranomaly

26.3420, 0.3273, 0.2850

Tritanomaly

26.8221, 0.3936, 0.2981

Monochromacy



Original Color

26.9212, 0.3687, 0.2661

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.2249, 0.3320, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9212, 0.3687, 0.2661 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(205, 111, 161)` looks like.

```
.text, #text, p{  
    color:rgb(205, 111, 161)  
}
```

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(205, 111, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 111, 161) }
```

Border

The CSS property to change the border of an element to Yxy 26.9212, 0.3687, 0.2661 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(205, 111, 161) }
```

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

```
.border{ border-color:rgb(205, 111, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 111, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 111, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 111, 161);  
box-shadow:4px 4px 4px 4px rgb(205, 111,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9212, 0.3687, 0.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 111, 161) }
```

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

```
.background{ background-color: rgb(205,  
111, 161) }
```

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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