

Converting Colors

$Y_{xy}(26.6699, 0.3375, 0.2419)$

Have a look what the booklet for
Yxy(26.6699, 0.3375, 0.2419)
contains.

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Color

Yxy(26.6699, 0.3375, 0.2419)

Conversions

Conversions Part 1

Format	Color
Hex	C66FB4
RGB	198, 111, 180
RGB Percent	78%, 44%, 71%
CMY	0.2236, 0.5647, 0.2941
CMYK	0.00, 0.44, 0.09, 0.22
HSL	312°, 43%, 61%
HSV	312°, 44%, 78%
XYZ	37.2100, 26.6699, 46.3719
YIQ	144.8790, 29.7030, 39.9030

Conversions

Conversions Part 2

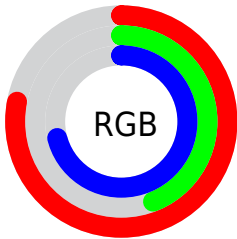
Format	Color
R_{YB}	198, 111, 180
Decimal	13004724
CIE _{Lab}	58.67, 43.93, -21.74
CIE _{LCh}	59, 49.013, 333.673
Yxy	26.6699, 0.3375, 0.2419
Android (android.graphics.Color)	4291194804 (0xFFC66FB4)
YUV	144.8790, 17.3147, 46.5871
Hunter-Lab	51.6429, 38.2385, -17.0884

Details

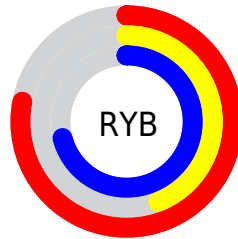
The Yxy color **26.6699, 0.3375, 0.2419** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **45.3483, 0.2954, 0.4362**, and the grayscale version is **28.1843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2264, 0.3322, 0.2580**, and **10.4110, 0.3435, 0.2161** is the 20% darker color. If you saturate the color by 10%, you get **22.6540, 0.3450, 0.2241**, and if you desaturate by 10%, it is **31.6507, 0.3306, 0.2614**.

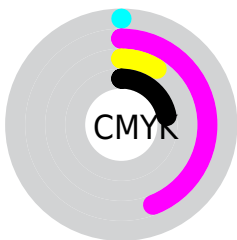
Distribution



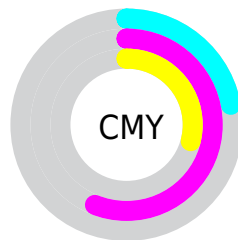
- Red (78%)
- Green (44%)
- Blue (71%)



- Red (78%)
- Yellow (44%)
- Blue (71%)



- Cyan (0%)
- Magenta (44%)
- Yellow (9%)
- Black (22%)




- Cyan (22%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6699, 0.3375, 0.2419 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 26.6699, 0.3375, 0.2419 by changing the saturation by 10% instead.


 26.6699, 0.3375,
0.2419


 26.6699, 0.3375,
0.2419


286.0553, 0.3255,
0.2860


 17.3255, 0.3403,
0.2308

 54.3537, 0.3332,
0.2580


 10.4668, 0.3438,
0.2166


 73.4619, 0.3316,
0.2640

 5.7095, 0.3482,
0.1978


 96.5934, 0.3302,
0.2691

 2.6693, 0.3538,
0.1718

 124.1327, 0.3290,
0.2735

 0.9616, 0.3606,
0.1344

156.4641, 0.3280,
0.2772

 0.0000, 0.3979,
0.0000

193.9721, 0.3270,

 0.0000, 0.0000,

0.2805

0.0000

237.0410, 0.3262,
0.2834

■ 26.6699, 0.3375,
0.2419

■ 26.6699, 0.3375,
0.2419

■ 22.6540, 0.3450,
0.2241

■ 31.6507, 0.3306,
0.2614

■ 19.5353, 0.3529,
0.2089

■ 37.6509, 0.3245,
0.2816

■ 17.2432, 0.3610,
0.1974


■ 44.7252, 0.3191,
0.3018

■ 15.6948, 0.3691,
0.1902


■ 52.9234, 0.3144,
0.3215


■ 14.7899, 0.3770,
0.1876


■ 62.2922, 0.3103,
0.3403

 14.4409, 0.3816,
0.1876

 72.8757, 0.3069,
0.3579

 84.7155, 0.3040,
0.3743

 88.3158, 0.3017,
0.3751

 88.5260, 0.2995,
0.3705

Harmonies

Analogous

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



26.6699, 0.2580, 0.2128



26.6699, 0.3375, 0.2419



26.6699, 0.4194, 0.2887

Triad

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



26.6699, 0.3375, 0.2419



26.6699, 0.4229, 0.4582



26.6699, 0.1774, 0.2803

Complementary

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



26.6699, 0.3375, 0.2419



45.3483, 0.2954, 0.4362

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.



26.6699, 0.2108, 0.3636



26.6699, 0.3375, 0.2419



26.6699, 0.3513, 0.4816

Square

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



26.6699, 0.3375, 0.2419



26.6699, 0.4686, 0.4052



26.6699, 0.2736, 0.4470



26.6699, 0.1752, 0.2274

Rectangle

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



26.6699, 0.3375, 0.2419



26.6699, 0.4583, 0.3259



26.6699, 0.2736, 0.4470



26.6699, 0.1850, 0.3054

Sweetspot

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



26.6711, 0.3375, 0.2419



80.2094, 0.3187, 0.3033



20.0685, 0.2462, 0.1989



16.5239, 0.3199, 0.2988



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.



26.6711, 0.3375, 0.2419



40.2065, 0.3449, 0.2243



25.1845, 0.3918, 0.2946



10.7776, 0.3169, 0.3109



9.4050, 0.3806, 0.1870



0.4551, 0.3659, 0.1789

Inverse Universe

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



26.6711, 0.3375, 0.2419



40.2065, 0.3449, 0.2243



46.7382, 0.2689, 0.3677



10.7776, 0.3169, 0.3109



9.4050, 0.3806, 0.1870



0.4551, 0.3659, 0.1789

Previews

White Background



This preview shows how the Yxy color 26.6699, 0.3375, 0.2419 looks on a white background.

Color Contrast Check

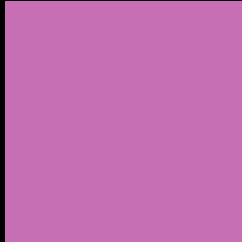
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6699, 0.3375, 0.2419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

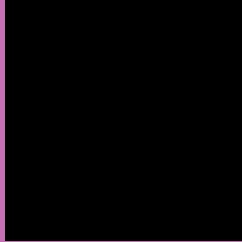
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6699, 0.3375, 0.2419

Background



This preview shows how black text looks on a background with the Yxy color 26.6699, 0.3375, 0.2419.



This preview shows how white text looks on a background with the Yxy color 26.6699, 0.3375, 0.2419.

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

26.6699, 0.3375, 0.2419

Protanopia

26.8199, 0.2447, 0.2361

Deuteranopia

26.9637, 0.2780, 0.2731



Tritanopia

26.5199, 0.3887, 0.3155

Trichromacy



Original Color

26.6699, 0.3375, 0.2419



Protanomaly

26.0348, 0.2733, 0.2367



Deuteranomaly

26.3484, 0.2977, 0.2590



Tritanomaly

26.3618, 0.3694, 0.2862

Monochromacy



Original Color

26.6699, 0.3375, 0.2419



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

27.1362, 0.3211, 0.2917

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6699, 0.3375, 0.2419 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(198, 111, 180)` looks like.

```
.text, #text, p{  
    color:rgb(198, 111, 180)  
}
```

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(198, 111, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 111, 180) }
```

Border

The CSS property to change the border of an element to Yxy 26.6699, 0.3375, 0.2419 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(198, 111, 180) }
```

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

```
.border{ border-color:rgb(198, 111, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 111, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 111, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 111, 180);  
box-shadow:4px 4px 4px 4px rgb(198, 111,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6699, 0.3375, 0.2419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 111, 180) }
```

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

```
.background{ background-color: rgb(198,  
111, 180) }
```

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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