

Converting Colors

$Y_{xy}(26.7539, 0.3519, 0.2528)$

Have a look what the booklet for
Yxy(26.7539, 0.3519, 0.2528)
contains.

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Color

Yxy(26.7267, 0.3516, 0.2531)

Conversions

Conversions Part 1

Format	Color
Hex	C96FAB
RGB	201, 111, 171
RGB Percent	79%, 44%, 67%
CMY	0.2117, 0.5647, 0.3293
CMYK	0.00, 0.45, 0.15, 0.21
HSL	320°, 45%, 61%
HSV	320°, 45%, 79%
XYZ	37.1280, 26.7267, 41.7426
YIQ	144.7500, 34.3800, 37.7400

Conversions

Conversions Part 2

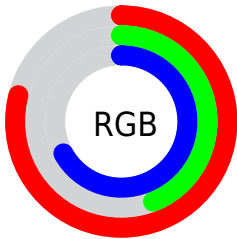
Format	Color
R _Y B	201, 111, 171
Decimal	13201323
CIE Lab	58.72, 43.43, -16.46
CIE LCh	59, 46.447, 339.242
Yxy	26.7267, 0.3516, 0.2531
Android (android.graphics.Color)	4291391403 (0xFFC96FAB)
YUV	144.7500, 12.9413, 49.3312
Hunter-Lab	51.6979, 37.7227, -11.6843

Details

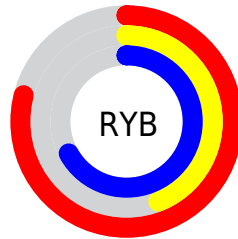
The Yxy color **26.7267, 0.3516, 0.2531** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.0833, 0.2882, 0.4207**, and the grayscale version is **28.1452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6613, 0.3408, 0.2673**, and **10.4796, 0.3630, 0.2296** is the 20% darker color. If you saturate the color by 10%, you get **22.5753, 0.3639, 0.2378**, and if you desaturate by 10%, it is **31.8805, 0.3406, 0.2699**.

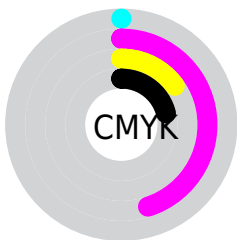
Distribution



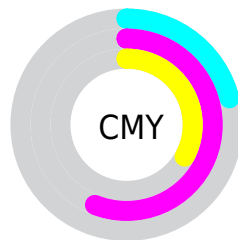
- Red (79%)
- Green (44%)
- Blue (67%)



- Red (79%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (45%)
- Yellow (15%)
- Black (21%)




- Cyan (21%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7267, 0.3516, 0.2531 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 26.7267, 0.3516, 0.2531 by changing the saturation by 10% instead.

 26.7267, 0.3516,
0.2531


 26.7267, 0.3516,
0.2531


286.3314, 0.3316,
0.2920


 17.3681, 0.3568,
0.2432


 54.4450, 0.3442,
0.2674


 10.4973, 0.3634,
0.2303


 73.5735, 0.3415,
0.2727

 5.7299, 0.3725,
0.2130


 96.7273, 0.3392,
0.2772

 2.6815, 0.3853,
0.1887

 124.2910, 0.3372,
0.2810

 0.9678, 0.4046,
0.1526

156.6488, 0.3355,
0.2843

 0.0000, 0.4822,
0.0000

194.1852, 0.3340,

 0.0000, 0.0000,

0.2872

0.0000

237.2846, 0.3327,
0.2897

■ 26.7267, 0.3516,
0.2531

■ 26.7267, 0.3516,
0.2531

■ 22.5753, 0.3639,
0.2378

■ 31.8805, 0.3406,
0.2699

■ 19.3554, 0.3774,
0.2250

■ 38.0939, 0.3310,
0.2873

■ 16.9925, 0.3917,
0.2158

■ 45.4243, 0.3227,
0.3046

■ 15.3993, 0.4063,
0.2112

■ 53.9237, 0.3157,
0.3213

■ 14.4694, 0.4206,
0.2116

■ 63.6410, 0.3098,
0.3371

 14.1427, 0.4280,
0.2132

 74.6223, 0.3048,
0.3520

 86.9112, 0.3007,
0.3657

 89.3545, 0.2970,
0.3617

 89.7264, 0.2934,
0.3543

Harmonies

Analogous

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



26.7267, 0.2736, 0.2215



26.7267, 0.3516, 0.2531



26.7267, 0.4258, 0.3005

Triad

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



26.7267, 0.3516, 0.2531



26.7267, 0.4070, 0.4594



26.7267, 0.1809, 0.2715

Complementary

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



26.7267, 0.3516, 0.2531



47.0833, 0.2882, 0.4207

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.



26.7267, 0.2076, 0.3462



26.7267, 0.3516, 0.2531



26.7267, 0.3363, 0.4715

Square

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



26.7267, 0.3516, 0.2531



26.7267, 0.4559, 0.4131



26.7267, 0.2633, 0.4277



26.7267, 0.1839, 0.2265

Rectangle

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



26.7267, 0.3516, 0.2531



26.7267, 0.4574, 0.3372



26.7267, 0.2633, 0.4277



26.7267, 0.1864, 0.2936

Sweetspot

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



26.7280, 0.3516, 0.2531



79.9519, 0.3215, 0.3073



21.1165, 0.2543, 0.1992



16.4600, 0.3232, 0.3035



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.



26.7280, 0.3516, 0.2531



38.6623, 0.3639, 0.2378



25.3319, 0.4086, 0.3077



10.7542, 0.3188, 0.3137



8.9081, 0.4261, 0.2121



0.4348, 0.3989, 0.1971

Inverse Universe

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



26.7280, 0.3516, 0.2531



38.6623, 0.3639, 0.2378



48.6431, 0.2621, 0.3527



10.7542, 0.3188, 0.3137



8.9081, 0.4261, 0.2121



0.4348, 0.3989, 0.1971

Previews

White Background



This preview shows how the Yxy color 26.7267, 0.3516, 0.2531 looks on a white background.

Color Contrast Check

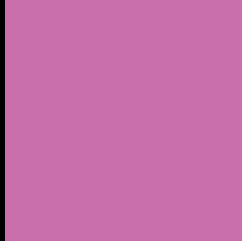
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7267, 0.3516, 0.2531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

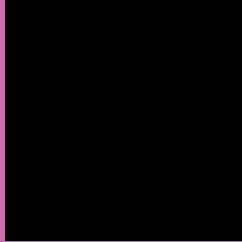
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7267, 0.3516, 0.2531

Background



This preview shows how black text looks on a background with the Yxy color 26.7267, 0.3516, 0.2531.



This preview shows how white text looks on a background with the Yxy color 26.7267, 0.3516, 0.2531.

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

26.7267, 0.3516, 0.2531

Protanopia

27.0740, 0.2551, 0.2499

Deuteranopia

26.8594, 0.2918, 0.2853



Tritanopia

26.7537, 0.3964, 0.3171

Trichromacy



Original Color

26.7267, 0.3516, 0.2531



Protanomaly

26.0312, 0.2850, 0.2487



Deuteranomaly

26.2648, 0.3121, 0.2705



Tritanomaly

26.7420, 0.3805, 0.2934

Monochromacy



Original Color

26.7267, 0.3516, 0.2531



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

27.1075, 0.3265, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7267, 0.3516, 0.2531 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(201, 111, 171)` looks like.

```
.text, #text, p{  
    color:rgb(201, 111, 171)  
}
```

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(201, 111, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 111, 171) }
```

Border

The CSS property to change the border of an element to Yxy 26.7267, 0.3516, 0.2531 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(201, 111, 171) }
```

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

```
.border{ border-color:rgb(201, 111, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 111, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 111, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 111, 171);  
box-shadow:4px 4px 4px 4px rgb(201, 111,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7267, 0.3516, 0.2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 111, 171) }
```

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

```
.background{ background-color: rgb(201,  
111, 171) }
```

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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