

Converting Colors

$Y_{xy}(29.5349, 0.3399, 0.2451)$

Have a look what the booklet for
Yxy(29.5349, 0.3399, 0.2451)
contains.

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Color

Yxy(29.5331, 0.3399, 0.2451)

Conversions

Conversions Part 1

Format	Color
Hex	CF75BA
RGB	207, 117, 186
RGB Percent	81%, 46%, 73%
CMY	0.1883, 0.5411, 0.2705
CMYK	0.00, 0.43, 0.10, 0.19
HSL	314°, 48%, 64%
HSV	314°, 43%, 81%
XYZ	40.9559, 29.5331, 50.0050
YIQ	151.7760, 31.4910, 40.5390

Conversions

Conversions Part 2

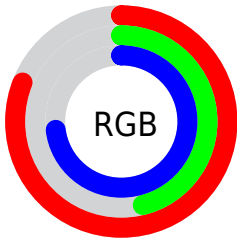
Format	Color
R _Y B	207, 117, 186
Decimal	13596090
CIE Lab	61.25, 44.68, -21.12
CIE LCh	61, 49.423, 334.706
Yxy	29.5331, 0.3399, 0.2451
Android (android.graphics.Color)	4291786170 (0xFFCF75BA)
YUV	151.7760, 16.8724, 48.4314
Hunter-Lab	54.3444, 39.4216, -16.5147

Details

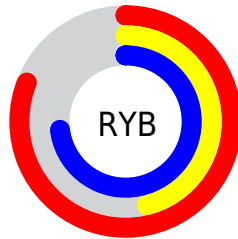
The Yxy color **29.5331, 0.3399, 0.2451** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.2390, 0.2941, 0.4316**, and the grayscale version is **31.2148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7966, 0.3268, 0.2584**, and **12.0534, 0.3468, 0.2213** is the 20% darker color. If you saturate the color by 10%, you get **25.0304, 0.3483, 0.2276**, and if you desaturate by 10%, it is **35.1118, 0.3322, 0.2642**.

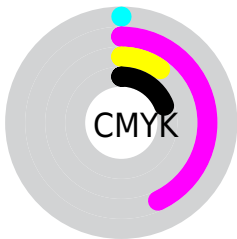
Distribution



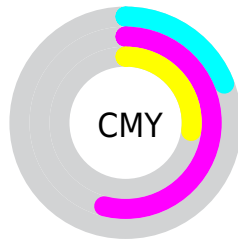
- Red (81%)
- Green (46%)
- Blue (73%)



- Red (81%)
- Yellow (46%)
- Blue (73%)



- Cyan (0%)
- Magenta (43%)
- Yellow (10%)
- Black (19%)





- Cyan (19%)
- Magenta (54%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5331, 0.3399, 0.2451 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 29.5331, 0.3399, 0.2451 by changing the saturation by 10% instead.


 29.5331, 0.3399,
0.2451


 29.5331, 0.3399,
0.2451


299.7220, 0.3267,
0.2870


 19.4845, 0.3430,
0.2347


 58.9230, 0.3352,
0.2603

 12.0209, 0.3469,
0.2215


 79.0331, 0.3334,
0.2660

 6.7579, 0.3519,
0.2042


 103.2658, 0.3319,
0.2708

 3.3112, 0.3584,
0.1805

132.0054, 0.3306,
0.2750

 1.2963, 0.3668,
0.1467

165.6365, 0.3294,
0.2786

 0.1383, 0.3994,
0.0431

204.5434, 0.3284,

 0.0000, 0.2874,

0.2817

0.0000

249.1104, 0.3275,
0.2845

■ 0.0000, 0.0000,
0.0000

■ 29.5331, 0.3399,
0.2451

■ 29.5331, 0.3399,
0.2451

■ 25.0304, 0.3483,
0.2276

■ 35.1118, 0.3322,
0.2642

■ 21.5286, 0.3573,
0.2127

■ 41.8271, 0.3254,
0.2839

■ 18.9491, 0.3666,
0.2014

■ 49.7398, 0.3195,
0.3035

■ 17.2000, 0.3760,
0.1945

■ 58.9054, 0.3143,
0.3226

■ 16.1702, 0.3851,
0.1923

■ 69.3757, 0.3099,
0.3407

■ 15.7586, 0.3909,
0.1927

■ 81.1996, 0.3062,
0.3577

■ 89.9406, 0.3032,
0.3666

■ 90.1997, 0.3005,
0.3613

■ 90.4662, 0.2979,
0.3560

Harmonies

Analogous

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



29.5331, 0.2617, 0.2159



29.5331, 0.3399, 0.2451



29.5331, 0.4192, 0.2915

Triad

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



29.5331, 0.3399, 0.2451



29.5331, 0.4186, 0.4569



29.5331, 0.1798, 0.2795

Complementary

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



29.5331, 0.3399, 0.2451



50.2390, 0.2941, 0.4316

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.



29.5331, 0.2116, 0.3598



29.5331, 0.3399, 0.2451



29.5331, 0.3482, 0.4774

Square

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



29.5331, 0.3399, 0.2451



29.5331, 0.4642, 0.4061



29.5331, 0.2723, 0.4414



29.5331, 0.1785, 0.2286

Rectangle

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



29.5331, 0.3399, 0.2451



29.5331, 0.4561, 0.3283



29.5331, 0.2723, 0.4414



29.5331, 0.1869, 0.3036

Sweetspot

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



29.5345, 0.3399, 0.2451



80.1551, 0.3193, 0.3041



22.5054, 0.2482, 0.2005



16.5104, 0.3205, 0.2998



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.



29.5345, 0.3399, 0.2451



40.6642, 0.3476, 0.2290



27.9567, 0.3929, 0.2968



11.9599, 0.3173, 0.3113



9.9446, 0.3898, 0.1921



0.5678, 0.3746, 0.1837

Inverse Universe

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



29.5345, 0.3399, 0.2451



40.6642, 0.3476, 0.2290



51.7611, 0.2683, 0.3651



11.9599, 0.3173, 0.3113



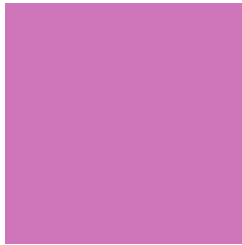
9.9446, 0.3898, 0.1921



0.5678, 0.3746, 0.1837

Previews

White Background



This preview shows how the Yxy color 29.5331, 0.3399, 0.2451 looks on a white background.

Color Contrast Check

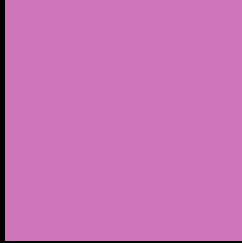
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5331, 0.3399, 0.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

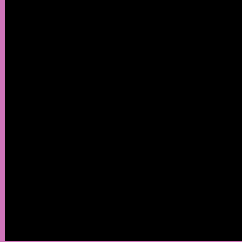
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5331, 0.3399, 0.2451

Background



This preview shows how black text looks on a background with the Yxy color 29.5331, 0.3399, 0.2451.



This preview shows how white text looks on a background with the Yxy color 29.5331, 0.3399, 0.2451.

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

29.5331, 0.3399, 0.2451

Protanopia

29.8577, 0.2479, 0.2397

Deuteranopia

29.6980, 0.2811, 0.2753



Tritanopia

29.4024, 0.3890, 0.3161

Trichromacy



Original Color

29.5331, 0.3399, 0.2451



Protanomaly

28.7672, 0.2757, 0.2389



Deuteranomaly

29.0717, 0.3003, 0.2617



Tritanomaly

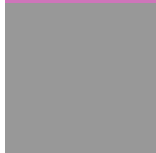
29.2290, 0.3706, 0.2879

Monochromacy



Original Color

29.5331, 0.3399, 0.2451



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

29.9162, 0.3229, 0.2932

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5331, 0.3399, 0.2451 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(207, 117, 186)` looks like.

```
.text, #text, p{  
    color:rgb(207, 117, 186)  
}
```

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(207, 117, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 117, 186) }
```

Border

The CSS property to change the border of an element to Yxy 29.5331, 0.3399, 0.2451 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(207, 117, 186) }
```

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

```
.border{ border-color:rgb(207, 117, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 117, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 117, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 117, 186);  
box-shadow:4px 4px 4px 4px rgb(207, 117,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5331, 0.3399, 0.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 117, 186) }
```

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

```
.background{ background-color: rgb(207,  
117, 186) }
```

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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