

Converting Colors

$Y_{xy}(29.8025, 0.3670, 0.2524)$

Have a look what the booklet for
Yxy(29.8025, 0.3670, 0.2524)
contains.

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Color

Yxy(29.9154, 0.3668, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	DD6FB1
RGB	221, 111, 177
RGB Percent	87%, 44%, 69%
CMY	0.1333, 0.5647, 0.3059
CMYK	0.00, 0.50, 0.20, 0.13
HSL	324°, 62%, 65%
HSV	324°, 50%, 87%
XYZ	43.4401, 29.9154, 45.0744
YIQ	151.4140, 44.3740, 43.8460

Conversions

Conversions Part 2

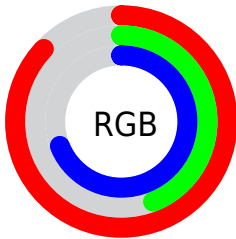
Format	Color
RYB	221, 111, 177
Decimal	14512049
CIELab	61.58, 50.74, -15.30
CIELCh	62, 52.996, 343.223
Yxy	29.9154, 0.3668, 0.2526
Android (android.graphics.Color)	4292702129 (0xFFDD6FB1)
YUV	151.4140, 12.6139, 61.0269
Hunter-Lab	54.6950, 46.0529, -10.5747

Details

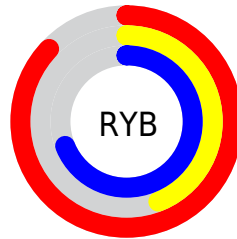
The Yxy color **29.9154, 0.3668, 0.2526** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **57.4644, 0.2821, 0.4229**, and the grayscale version is **31.0654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4156, 0.3347, 0.2617**, and **12.1680, 0.3832, 0.2308** is the 20% darker color. If you saturate the color by 10%, you get **25.3345, 0.3829, 0.2397**, and if you desaturate by 10%, it is **35.7150, 0.3524, 0.2674**.

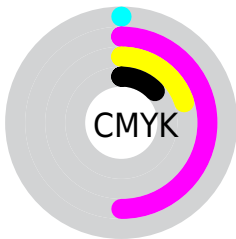
Distribution



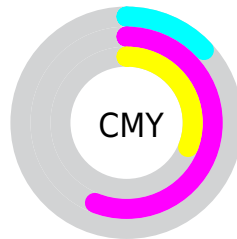
- Red (87%)
- Green (44%)
- Blue (69%)



- Red (87%)
- Yellow (44%)
- Blue (69%)



- Cyan (0%)
- Magenta (50%)
- Yellow (20%)
- Black (13%)





- Cyan (13%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.9154, 0.3668, 0.2526 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 29.9154, 0.3668, 0.2526 by changing the saturation by 10% instead.


 29.9154, 0.3668,
0.2526


 29.9154, 0.3668,
0.2526


301.5099, 0.3391,
0.2910


 19.7744, 0.3739,
0.2430


 59.5284, 0.3566,
0.2666


 12.2311, 0.3831,
0.2307


 79.7691, 0.3528,
0.2718

 6.9013, 0.3956,
0.2144


 104.1452, 0.3496,
0.2763

 3.4005, 0.4133,
0.1920

 133.0410, 0.3469,
0.2801

 1.3442, 0.4400,
0.1594

166.8411, 0.3445,
0.2833

 0.1750, 0.5123,
0.0582

205.9296, 0.3425,


 0.0000, 0.8659,


0.2862


0.0000


250.6911, 0.3407,
0.2888

 0.0000, 0.0000,
0.0000

 29.9154, 0.3668,
0.2526


 29.9154, 0.3668,
0.2526


 25.3345, 0.3829,
0.2397


 35.7150, 0.3524,
0.2674


 21.8779, 0.4005,
0.2300


 42.8097, 0.3399,
0.2831


 19.4443, 0.4189,
0.2245


 51.2751, 0.3292,
0.2990


 17.9120, 0.4375,
0.2241


 61.1792, 0.3201,
0.3145

 17.0715, 0.4556,
0.2285


 72.5859, 0.3126,
0.3293

 17.0552, 0.4560,
0.2286

 85.5550, 0.3062,
0.3432

 93.1193, 0.3011,
0.3455

 93.6546, 0.2962,
0.3363

 94.1135, 0.2923,
0.3289

Harmonies

Analogous

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



29.9154, 0.2799, 0.2162



29.9154, 0.3668, 0.2526



29.9154, 0.4456, 0.3048

Triad

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



29.9154, 0.3668, 0.2526



29.9154, 0.4045, 0.4755



29.9154, 0.1689, 0.2567

Complementary

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



29.9154, 0.3668, 0.2526



57.4644, 0.2821, 0.4229

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.



29.9154, 0.1925, 0.3347



29.9154, 0.3668, 0.2526



29.9154, 0.3261, 0.4842

Square

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



29.9154, 0.3668, 0.2526



29.9154, 0.4631, 0.4260



29.9154, 0.2483, 0.4280



29.9154, 0.1764, 0.2135

Rectangle

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



29.9154, 0.3668, 0.2526



29.9154, 0.4756, 0.3444



29.9154, 0.2483, 0.4280



29.9154, 0.1731, 0.2791

Sweetspot

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



29.9168, 0.3668, 0.2526



77.0301, 0.3248, 0.3063



23.5593, 0.2538, 0.1854



15.8778, 0.3268, 0.3030



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.



29.9168, 0.3668, 0.2526



34.6478, 0.3841, 0.2389



28.1481, 0.4386, 0.3164



13.1820, 0.3199, 0.3151



9.9297, 0.4533, 0.2271



0.6601, 0.4260, 0.2120

Inverse Universe

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



29.9168, 0.3668, 0.2526



34.6478, 0.3841, 0.2389



59.7507, 0.2532, 0.3434



13.1820, 0.3199, 0.3151



9.9297, 0.4533, 0.2271



0.6601, 0.4260, 0.2120

Previews

White Background



This preview shows how the Yxy color 29.9154, 0.3668, 0.2526 looks on a white background.

Color Contrast Check

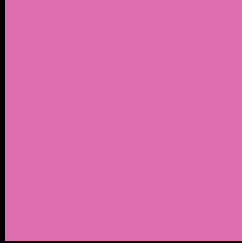
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9154, 0.3668, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

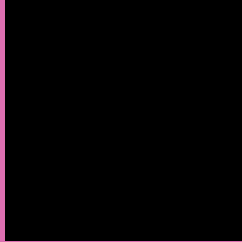
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9154, 0.3668, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 29.9154, 0.3668, 0.2526.



This preview shows how white text looks on a background with the Yxy color 29.9154, 0.3668, 0.2526.

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

29.9154, 0.3668, 0.2526

Protanopia

30.1658, 0.2537, 0.2478

Deuteranopia

29.9634, 0.2964, 0.2901



Tritanopia

29.8854, 0.4173, 0.3183

Trichromacy



Original Color

29.9154, 0.3668, 0.2526



Protanomaly

28.9446, 0.2873, 0.2462



Deuteranomaly

29.2572, 0.3207, 0.2736



Tritanomaly

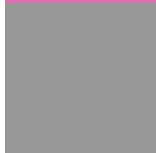
29.7346, 0.3995, 0.2930

Monochromacy



Original Color

29.9154, 0.3668, 0.2526



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

29.3765, 0.3318, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9154, 0.3668, 0.2526 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(221, 111, 177)` looks like.

```
.text, #text, p{  
    color:rgb(221, 111, 177)  
}
```

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(221, 111, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 111, 177) }
```

Border

The CSS property to change the border of an element to Yxy 29.9154, 0.3668, 0.2526 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(221, 111, 177) }
```

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

```
.border{ border-color:rgb(221, 111, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 111, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 111, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 111, 177);  
box-shadow:4px 4px 4px 4px rgb(221, 111,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9154, 0.3668, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 111, 177) }
```

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

```
.background{ background-color: rgb(221,  
111, 177) }
```

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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