

Converting Colors

Yxy(27.9140, 0.3438, 0.2300)

Have a look what the booklet for
Yxy(27.9140, 0.3438, 0.2300)
contains.

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Color

Yxy(27.9670, 0.3435, 0.2299)

Conversions

Conversions Part 1

Format	Color
Hex	D569BE
RGB	213, 105, 190
RGB Percent	84%, 41%, 75%
CMY	0.1647, 0.5882, 0.2550
CMYK	0.00, 0.51, 0.11, 0.16
HSL	313°, 56%, 62%
HSV	313°, 51%, 84%
XYZ	41.7863, 27.9670, 51.8953
YIQ	146.9820, 37.0830, 49.3310

Conversions

Conversions Part 2

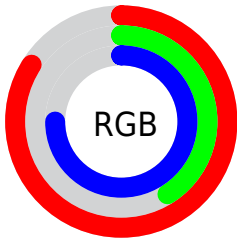
Format	Color
R _{YB}	213, 105, 190
Decimal	13986238
CIE _{Lab}	59.86, 53.21, -25.43
CIE _{LCh}	60, 58.979, 334.453
Yxy	27.9670, 0.3435, 0.2299
Android (android.graphics.Color)	4292176318 (0xFFD569BE)
YUV	146.9820, 21.2079, 57.8978
Hunter-Lab	52.8838, 48.4954, -21.1630

Details

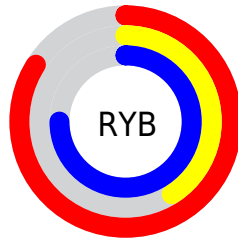
The Yxy color **27.9670, 0.3435, 0.2299** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **52.1573, 0.2930, 0.4559**, and the grayscale version is **29.0697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1170, 0.3235, 0.2434**, and **11.1267, 0.3518, 0.2029** is the 20% darker color. If you saturate the color by 10%, you get **23.9634, 0.3516, 0.2139**, and if you desaturate by 10%, it is **33.0660, 0.3359, 0.2483**.

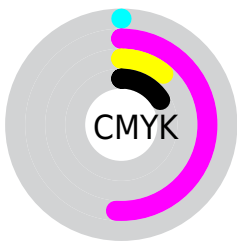
Distribution



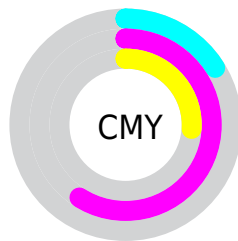
- Red (84%)
- Green (41%)
- Blue (75%)



- Red (84%)
- Yellow (41%)
- Blue (75%)



- Cyan (0%)
- Magenta (51%)
- Yellow (11%)
- Black (16%)





- Cyan (16%)
- Magenta (59%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.9670, 0.3435, 0.2299 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 27.9670, 0.3435, 0.2299 by changing the saturation by 10% instead.


 27.9670, 0.3435,
0.2299


 27.9670, 0.3435,
0.2299


292.3092, 0.3289,
0.2790


 18.3008, 0.3469,
0.2180


 56.4318, 0.3384,
0.2475

 11.1662, 0.3510,
0.2029


 75.9991, 0.3364,
0.2542

 6.1787, 0.3561,
0.1832


 99.6356, 0.3347,
0.2599

 2.9540, 0.3625,
0.1570

 127.7256, 0.3332,
0.2648

 1.1078, 0.3701,
0.1207

160.6536, 0.3319,
0.2690

 0.0000, 0.4058,
0.0000

198.8039, 0.3308,


 0.0000, 0.2944,

0.2727


0.0000

242.5610, 0.3298,
0.2760

 0.0000, 0.0000,
0.0000

 27.9670, 0.3435,
0.2299


 27.9670, 0.3435,
0.2299


 23.9634, 0.3516,
0.2139


 33.0660, 0.3359,
0.2483


 20.9684, 0.3600,
0.2012


 39.3306, 0.3291,
0.2680

 18.8888, 0.3685,
0.1928

 46.8299, 0.3230,
0.2883

 17.6119, 0.3768,
0.1890

 55.6264, 0.3176,
0.3083

 16.9592, 0.3842,
0.1890

 65.7784, 0.3130,
0.3277

■ 77.3405, 0.3091,
0.3460

■ 90.3645, 0.3057,
0.3632

■ 91.1765, 0.3032,
0.3591

■ 91.4298, 0.3007,
0.3542

Harmonies

Analogous

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



27.9670, 0.2503, 0.1967



27.9670, 0.3435, 0.2299



27.9670, 0.4410, 0.2825

Triad

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



27.9670, 0.3435, 0.2299



27.9670, 0.4354, 0.4779



27.9670, 0.1568, 0.2674

Complementary

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



27.9670, 0.3435, 0.2299



52.1573, 0.2930, 0.4559

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.



27.9670, 0.1920, 0.3661



27.9670, 0.3435, 0.2299



27.9670, 0.3515, 0.5107

Square

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



27.9670, 0.3435, 0.2299



27.9670, 0.4923, 0.4137



27.9670, 0.2623, 0.4702



27.9670, 0.1560, 0.2093

Rectangle

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



27.9670, 0.3435, 0.2299



27.9670, 0.4861, 0.3241



27.9670, 0.2623, 0.4702



27.9670, 0.1645, 0.2963

Sweetspot

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



27.9683, 0.3435, 0.2299



77.4625, 0.3199, 0.2995



19.3904, 0.2331, 0.1755



15.9824, 0.3211, 0.2952



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.



27.9683, 0.3435, 0.2299



35.5335, 0.3524, 0.2126



26.0696, 0.4115, 0.2896



12.5852, 0.3170, 0.3108



10.3737, 0.3831, 0.1884



0.6373, 0.3703, 0.1813

Inverse Universe

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



27.9683, 0.3435, 0.2299



35.5335, 0.3524, 0.2126



53.9179, 0.2638, 0.3751



12.5852, 0.3170, 0.3108



10.3737, 0.3831, 0.1884



0.6373, 0.3703, 0.1813

Previews

White Background



This preview shows how the Yxy color 27.9670, 0.3435, 0.2299 looks on a white background.

Color Contrast Check

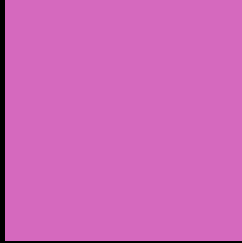
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9670, 0.3435, 0.2299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

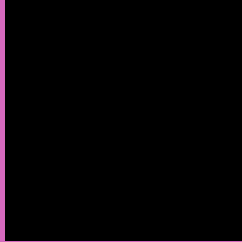
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9670, 0.3435, 0.2299

Background



This preview shows how black text looks on a background with the Yxy color 27.9670, 0.3435, 0.2299.



This preview shows how white text looks on a background with the Yxy color 27.9670, 0.3435, 0.2299.

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

27.9670, 0.3435, 0.2299

Protanopia

28.3120, 0.2318, 0.2192

Deuteranopia

28.2100, 0.2710, 0.2654



Tritanopia

27.8740, 0.4098, 0.3177

Trichromacy



Original Color

27.9670, 0.3435, 0.2299



Protanomaly

27.0269, 0.2641, 0.2205



Deuteranomaly

27.2450, 0.2944, 0.2488



Tritanomaly

27.8243, 0.3852, 0.2828

Monochromacy



Original Color

27.9670, 0.3435, 0.2299



Achromatopsia

29.1771, 0.3127, 0.3290



Achromatomaly

27.8048, 0.3237, 0.2843

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9670, 0.3435, 0.2299 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(213, 105, 190)` looks like.

```
.text, #text, p{  
    color:rgb(213, 105, 190)  
}
```

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(213, 105, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 105, 190) }
```

Border

The CSS property to change the border of an element to Yxy 27.9670, 0.3435, 0.2299 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(213, 105, 190) }
```

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

```
.border{ border-color:rgb(213, 105, 190) }
```

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

Here you see how a box with a 4 pixel rgb(213, 105, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 105, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 105, 190);  
box-shadow:4px 4px 4px 4px rgb(213, 105,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9670, 0.3435, 0.2299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 105, 190) }
```

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

```
.background{ background-color: rgb(213,  
105, 190) }
```

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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