

Converting Colors

$Y_{xy}(28.0308, 0.3412, 0.2291)$

Have a look what the booklet for
Yxy(28.0308, 0.3412, 0.2291)
contains.

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Color

Yxy(28.0667, 0.3411, 0.2295)

Conversions

Conversions Part 1

Format	Color
Hex	D46ABF
RGB	212, 106, 191
RGB Percent	83%, 42%, 75%
CMY	0.1685, 0.5844, 0.2509
CMYK	0.00, 0.50, 0.10, 0.17
HSL	312°, 55%, 62%
HSV	312°, 50%, 83%
XYZ	41.7148, 28.0667, 52.5135
YIQ	147.3840, 35.8910, 48.9070

Conversions

Conversions Part 2

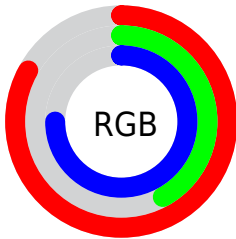
Format	Color
R _Y B	212, 106, 191
Decimal	13920959
CIE _{Lab}	59.95, 52.61, -25.90
CIE _{LCh}	60, 58.637, 333.790
Yxy	28.0667, 0.3411, 0.2295
Android (android.graphics.Color)	4292111039 (0xFFD46ABF)
YUV	147.3840, 21.5027, 56.6682
Hunter-Lab	52.9780, 47.8391, -21.6855

Details

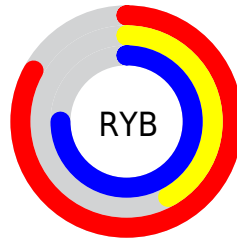
The Yxy color **28.0667, 0.3411, 0.2295** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **51.6944, 0.2941, 0.4562**, and the grayscale version is **29.2426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5270, 0.3226, 0.2435**, and **11.2307, 0.3482, 0.2030** is the 20% darker color. If you saturate the color by 10%, you get **24.0433, 0.3486, 0.2130**, and if you desaturate by 10%, it is **33.1781, 0.3341, 0.2483**.

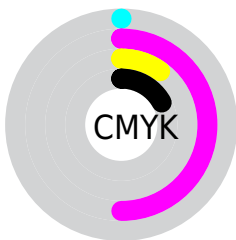
Distribution



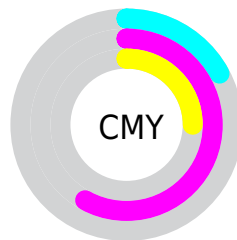
- Red (83%)
- Green (42%)
- Blue (75%)



- Red (83%)
- Yellow (42%)
- Blue (75%)



- Cyan (0%)
- Magenta (50%)
- Yellow (10%)
- Black (17%)



- Cyan (17%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0667, 0.3411, 0.2295 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 28.0667, 0.3411, 0.2295 by changing the saturation by 10% instead.

 28.0667, 0.3411,
0.2295


 28.0667, 0.3411,
0.2295


292.7855, 0.3278,
0.2787


 18.3759, 0.3441,
0.2175


 56.5909, 0.3365,
0.2472


 11.2202, 0.3478,
0.2024


 76.1932, 0.3347,
0.2539

 6.2152, 0.3522,
0.1828


 99.8680, 0.3331,
0.2596

 2.9764, 0.3576,
0.1565

 127.9999, 0.3318,
0.2645

 1.1194, 0.3637,
0.1204

160.9732, 0.3306,
0.2687

 0.0000, 0.3961,
0.0000


199.1723, 0.3295,

 0.0000, 0.2745,


0.2725


0.0000


242.9816, 0.3286,
0.2758


 0.0000, 0.0000,
0.0000


 28.0667, 0.3411,
0.2295


 28.0667, 0.3411,
0.2295


 24.0433, 0.3486,
0.2130


 33.1781, 0.3341,
0.2483


 21.0229, 0.3563,
0.1999


 39.4463, 0.3277,
0.2684


 18.9141, 0.3641,
0.1909

 46.9394, 0.3220,
0.2890

 17.6072, 0.3717,
0.1865

 55.7187, 0.3170,
0.3093

 16.9029, 0.3790,
0.1862

 65.8416, 0.3127,
0.3290

■ 77.3619, 0.3090,
0.3476

■ 90.3306, 0.3059,
0.3650

■ 90.9363, 0.3035,
0.3610

■ 91.1680, 0.3012,
0.3565

Harmonies

Analogous

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



28.0667, 0.2489, 0.1970



28.0667, 0.3411, 0.2295



28.0667, 0.4383, 0.2816

Triad

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



28.0667, 0.3411, 0.2295



28.0667, 0.4364, 0.4759



28.0667, 0.1581, 0.2697

Complementary

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



28.0667, 0.3411, 0.2295



51.6944, 0.2941, 0.4562

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.



28.0667, 0.1939, 0.3683



28.0667, 0.3411, 0.2295



28.0667, 0.3534, 0.5094

Square

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



28.0667, 0.3411, 0.2295



28.0667, 0.4920, 0.4119



28.0667, 0.2646, 0.4708



28.0667, 0.1566, 0.2109

Rectangle

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



28.0667, 0.3411, 0.2295



28.0667, 0.4838, 0.3228



28.0667, 0.2646, 0.4708



28.0667, 0.1660, 0.2987

Sweetspot

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



28.0680, 0.3411, 0.2295



77.4982, 0.3195, 0.2989



19.4524, 0.2329, 0.1773



15.9911, 0.3206, 0.2946



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.



28.0680, 0.3411, 0.2295



36.1814, 0.3491, 0.2121



26.1867, 0.4070, 0.2879



12.5885, 0.3168, 0.3105



10.4469, 0.3780, 0.1856



0.6411, 0.3664, 0.1792

Inverse Universe

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



28.0680, 0.3411, 0.2295



36.1814, 0.3491, 0.2121



53.3943, 0.2653, 0.3770



12.5885, 0.3168, 0.3105



10.4469, 0.3780, 0.1856



0.6411, 0.3664, 0.1792

Previews

White Background



This preview shows how the Yxy color 28.0667, 0.3411, 0.2295 looks on a white background.

Color Contrast Check

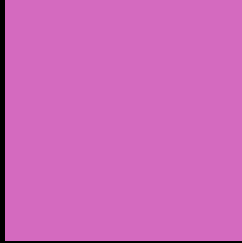
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0667, 0.3411, 0.2295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

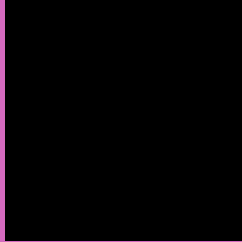
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0667, 0.3411, 0.2295

Background



This preview shows how black text looks on a background with the Yxy color 28.0667, 0.3411, 0.2295.

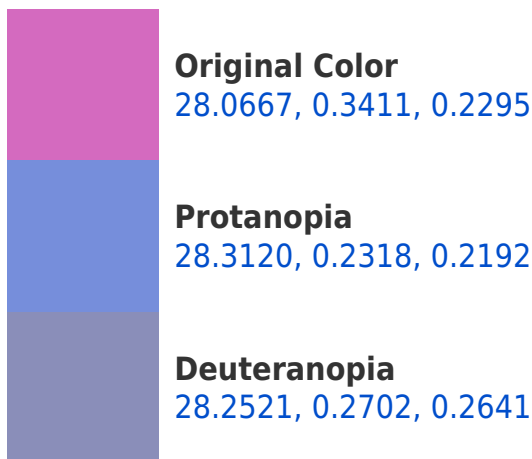


This preview shows how white text looks on a background with the Yxy color 28.0667, 0.3411, 0.2295.

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





Tritanopia

27.9971, 0.4068, 0.3177

Trichromacy



Original Color

28.0667, 0.3411, 0.2295



Protanomaly

26.9794, 0.2624, 0.2191



Deuteranomaly

27.2877, 0.2934, 0.2476



Tritanomaly

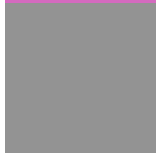
27.9384, 0.3825, 0.2826

Monochromacy



Original Color

28.0667, 0.3411, 0.2295



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 28.0667, 0.3411, 0.2295 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(212, 106, 191)` looks like.

```
.text, #text, p{  
    color:rgb(212, 106, 191)  
}
```

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(212, 106, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 191) }
```

Border

The CSS property to change the border of an element to Yxy 28.0667, 0.3411, 0.2295 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(212, 106, 191) }
```

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

```
.border{ border-color:rgb(212, 106, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 106, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 191);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0667, 0.3411, 0.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 191) }
```

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

```
.background{ background-color: rgb(212,  
106, 191) }
```

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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