

Converting Colors

$Y_{xy}(27.1315, 0.2826, 0.1622)$

Have a look what the booklet for
Yxy(27.1315, 0.2826, 0.1622)
contains.

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Color

Yxy(27.0917, 0.2822, 0.1617)

Conversions

Conversions Part 1

Format	Color
Hex	D354FA
RGB	211, 84, 250
RGB Percent	83%, 33%, 98%
CMY	0.1727, 0.6704, 0.0196
CMYK	0.16, 0.66, 0.00, 0.02
HSL	286°, 94%, 65%
HSV	286°, 66%, 98%
XYZ	47.2806, 27.0917, 93.1707
YIQ	140.8970, 22.4060, 78.5500

Conversions

Conversions Part 2

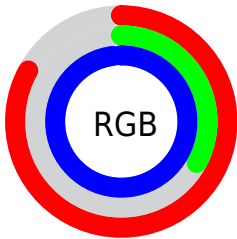
Format	Color
R _Y B	211, 84, 250
Decimal	13849850
CIE Lab	59.06, 72.64, -60.46
CIE LCh	59, 94.513, 320.228
Yxy	27.0917, 0.2822, 0.1617
Android (android.graphics.Color)	4292039930 (0xFFD354FA)
YUV	140.8970, 53.7878, 61.4803
Hunter-Lab	52.0497, 71.0580, -69.6963

Details

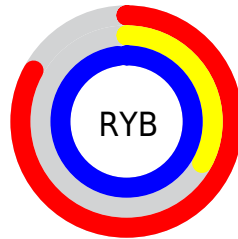
The Yxy color **27.0917, 0.2822, 0.1617** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **73.2213, 0.3200, 0.5329**, and the grayscale version is **26.3783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8260, 0.3178, 0.2204**, and **10.6993, 0.2676, 0.1263** is the 20% darker color. If you saturate the color by 10%, you get **23.0256, 0.2758, 0.1443**, and if you desaturate by 10%, it is **32.5758, 0.2884, 0.1831**.

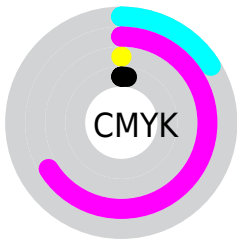
Distribution



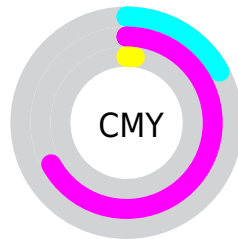
- Red (83%)
- Green (33%)
- Blue (98%)



- Red (83%)
- Yellow (33%)
- Blue (98%)



- Cyan (16%)
- Magenta (66%)
- Yellow (0%)
- Black (2%)




- Cyan (17%)
- Magenta (67%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0917, 0.2822, 0.1617 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 27.0917, 0.2822, 0.1617 by changing the saturation by 10% instead.


 27.0917, 0.2822,
0.1617


 27.0917, 0.2822,
0.1617


288.1008, 0.3020,
0.2374


 17.6421, 0.2763,
0.1456


 55.0310, 0.2902,
0.1871


 10.6933, 0.2683,
0.1267


 74.2895, 0.2930,
0.1973

 5.8610, 0.2571,
0.1043


 97.5863, 0.2953,
0.2061

 2.7608, 0.2411,
0.0781

 125.3060, 0.2971,
0.2139

 1.0081, 0.2170,
0.0488

157.8330, 0.2986,
0.2208

 0.0000, 0.1838,
0.0000

195.5515, 0.2999,

 0.0000, 0.1213,

0.2269

0.0000

238.8460, 0.3011,
0.2324

0.0000, 0.0000,
0.0000

27.0917, 0.2822,
0.1617

27.0917, 0.2822,
0.1617

23.0256, 0.2758,
0.1443

32.5758, 0.2884,
0.1831

20.2189, 0.2694,
0.1315

39.6072, 0.2941,
0.2075


18.4788, 0.2632,
0.1233

48.3043, 0.2993,
0.2338


18.0042, 0.2609,
0.1211

58.7727, 0.3038,
0.2607

71.1094, 0.3077,
0.2875

 85.4042, 0.3110,
0.3133

 99.1387, 0.3138,
0.3338

 99.6815, 0.3156,
0.3338

Harmonies

Analogous

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



27.0917, 0.1696, 0.1337



27.0917, 0.2822, 0.1617



27.0917, 0.4437, 0.2185

Triad

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



27.0917, 0.2822, 0.1617



27.0917, 0.5180, 0.4714



27.0917, 0.1038, 0.2855

Complementary

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



27.0917, 0.2822, 0.1617



73.2213, 0.3200, 0.5329

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.



27.0917, 0.1654, 0.4819



27.0917, 0.2822, 0.1617



27.0917, 0.4005, 0.5799

Square

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



27.0917, 0.2822, 0.1617



27.0917, 0.5927, 0.3730



27.0917, 0.2757, 0.6219



27.0917, 0.0904, 0.1768

Rectangle

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



27.0917, 0.2822, 0.1617



27.0917, 0.5415, 0.2669



27.0917, 0.2757, 0.6219



27.0917, 0.1180, 0.3432

Sweetspot

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



27.0928, 0.2822, 0.1617



69.4617, 0.3064, 0.2778



23.5901, 0.1947, 0.1622



14.0912, 0.3053, 0.2703



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.



27.0928, 0.2822, 0.1617



22.8572, 0.2734, 0.1390



31.2483, 0.3640, 0.2105



17.3068, 0.3100, 0.3054



9.6198, 0.2619, 0.1217



0.9389, 0.2693, 0.1257

Inverse Universe

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



28.1012, 0.4808, 0.2926



24.5280, 0.5358, 0.2942



71.7458, 0.2876, 0.4963



17.2921, 0.3257, 0.3234



10.9652, 0.5979, 0.3067



1.0312, 0.5651, 0.2887

Previews

White Background



This preview shows how the Yxy color 27.0917, 0.2822, 0.1617 looks on a white background.

Color Contrast Check

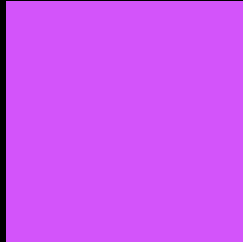
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0917, 0.2822, 0.1617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

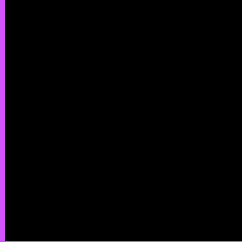
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0917, 0.2822, 0.1617

Background



This preview shows how black text looks on a background with the Yxy color 27.0917, 0.2822, 0.1617.



This preview shows how white text looks on a background with the Yxy color 27.0917, 0.2822, 0.1617.

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

27.0917, 0.2822, 0.1617

Protanopia

27.6165, 0.1977, 0.1760

Deuteranopia

27.3728, 0.2006, 0.1940



Tritanopia

26.7828, 0.3910, 0.3156

Trichromacy



Original Color

27.0917, 0.2822, 0.1617



Protanomaly

25.1108, 0.2176, 0.1622



Deuteranomaly

24.6752, 0.2184, 0.1713



Tritanomaly

26.0605, 0.3473, 0.2458

Monochromacy



Original Color

27.0917, 0.2822, 0.1617



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

24.8761, 0.3002, 0.2426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0917, 0.2822, 0.1617 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(211, 84, 250)` looks like.

```
.text, #text, p{  
    color:rgb(211, 84, 250)  
}
```

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(211, 84, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 84, 250) }
```

Border

The CSS property to change the border of an element to Yxy 27.0917, 0.2822, 0.1617 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(211, 84, 250) }
```

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

```
.border{ border-color:rgb(211, 84, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 84, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 84, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 84, 250);  
box-shadow:4px 4px 4px 4px rgb(211, 84,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0917, 0.2822, 0.1617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 84, 250) }
```

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

```
.background{ background-color: rgb(211, 84,  
250) }
```

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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