

Converting Colors

$Y_{xy}(35.5943, 0.2714, 0.1929)$

Have a look what the booklet for
Yxy(35.5943, 0.2714, 0.1929)
contains.

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Color

Yxy(35.6028, 0.2716, 0.1929)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C982FF |
| RGB | 201, 130, 255 |
| RGB Percent | 79%, 51%, 100% |
| CMY | 0.2116, 0.4903, 0.0000 |
| CMYK | 0.21, 0.49, 0.00, 0.00 |
| HSL | 274°, 100%, 75% |
| HSV | 274°, 49%, 100% |
| XYZ | 50.1282, 35.6028, 98.8351 |
| YIQ | 165.4790, 2.1910, 53.9270 |

Conversions

Conversions Part 2

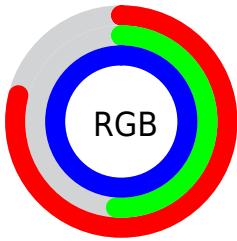
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 201, 130, 255 |
| Decimal | 13206271 |
| CIE Lab | 66.22, 49.60, -51.90 |
| CIE LCh | 66, 71.785, 313.701 |
| Yxy | 35.6028, 0.2716, 0.1929 |
| Android (android.graphics.Color) | 4291396351 (0xFFC982FF) |
| YUV | 165.4790, 44.1339, 31.1519 |
| Hunter-Lab | 59.6681, 45.5417, -56.4412 |

Details

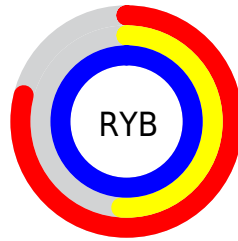
The Yxy color **35.6028, 0.2716, 0.1929** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **83.3120, 0.3366, 0.4709**, and the grayscale version is **37.6529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1779, 0.3159, 0.2604**, and **15.4553, 0.2571, 0.1627** is the 20% darker color. If you saturate the color by 10%, you get **28.1703, 0.2603, 0.1655**, and if you desaturate by 10%, it is **44.8278, 0.2821, 0.2218**.

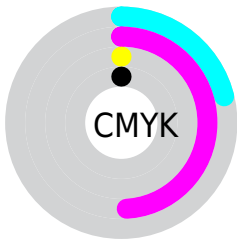
Distribution



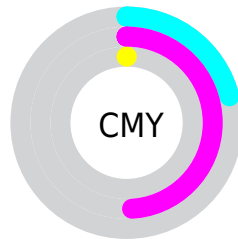
- Red (79%)
- Green (51%)
- Blue (100%)



- Red (79%)
- Yellow (51%)
- Blue (100%)



- Cyan (21%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6028, 0.2716, 0.1929 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 35.6028, 0.2716, 0.1929 by changing the saturation by 10% instead.


 35.6028, 0.2716,
0.1929


 35.6028, 0.2716,
0.1929


327.2211, 0.2944,
0.2551

 24.1276, 0.2655,
0.1793


 68.4186, 0.2802,
0.2141

 15.4283, 0.2576,
0.1629


 90.5279, 0.2834,
0.2225

 9.1205, 0.2470,
0.1430


 116.9507, 0.2860,
0.2297

 4.8199, 0.2323,
0.1186

148.0714, 0.2882,
0.2361

 2.1420, 0.2111,
0.0888

184.2744, 0.2901,
0.2417

 0.6881, 0.1795,
0.0529

225.9441, 0.2918,

 0.0000, 0.1332,

0.2467


0.0000

273.4649, 0.2932,
0.2511

 0.0000, 0.0000,
0.0000


 35.6028, 0.2716,
0.1929


 35.6028, 0.2716,
0.1929

 28.1703, 0.2603,
0.1655


 44.8278, 0.2821,
0.2218

 22.3973, 0.2486,
0.1411

 55.9569, 0.2916,
0.2510

 18.1386, 0.2369,
0.1210

 69.0973, 0.3000,
0.2794

 15.2203, 0.2257,
0.1061

 84.3467, 0.3072,
0.3063

 13.3867, 0.2155,
0.0964

99.9998, 0.3127,
0.3290

■ 13.2350, 0.2145,
0.0955

Harmonies

Analogous

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



35.6028, 0.1916, 0.1751



35.6028, 0.2716, 0.1929



35.6028, 0.3818, 0.2357

Triad

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



35.6028, 0.2716, 0.1929



35.6028, 0.4943, 0.4406



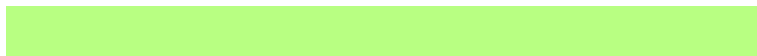
35.6028, 0.1630, 0.3309

Complementary

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



35.6028, 0.2716, 0.1929



83.3120, 0.3366, 0.4709

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.



35.6028, 0.2275, 0.4578



35.6028, 0.2716, 0.1929



35.6028, 0.4178, 0.5095

Square

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



35.6028, 0.2716, 0.1929



35.6028, 0.5243, 0.3661



35.6028, 0.3213, 0.5314



35.6028, 0.1384, 0.2342

Rectangle

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



35.6028, 0.2716, 0.1929



35.6028, 0.4540, 0.2750



35.6028, 0.3213, 0.5314



35.6028, 0.1800, 0.3729

Sweetspot

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



35.6042, 0.2716, 0.1929



74.9795, 0.3030, 0.2904



46.3100, 0.2315, 0.2413



15.3804, 0.3014, 0.2847



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.



35.6042, 0.2716, 0.1929



28.1880, 0.2603, 0.1656



43.9148, 0.3256, 0.2168



17.8873, 0.3068, 0.3051



7.0057, 0.2161, 0.0964



0.7467, 0.2275, 0.1027

Inverse Universe

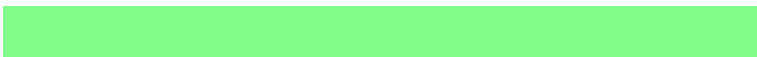
The Inverse Universe completely reimagines the original color for something new.



40.6781, 0.3893, 0.2736



34.1543, 0.4139, 0.2644



78.1071, 0.3017, 0.4754



18.1172, 0.3226, 0.3188



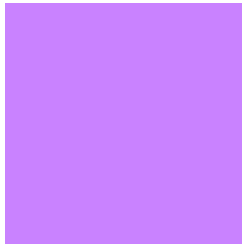
11.7262, 0.5254, 0.2668



1.1631, 0.4965, 0.2509

Previews

White Background



This preview shows how the Yxy color 35.6028, 0.2716, 0.1929 looks on a white background.

Color Contrast Check

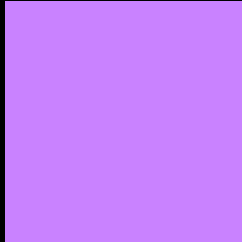
Large Text (above 18pt) WCAG AA × Fail

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 35.6028, 0.2716, 0.1929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

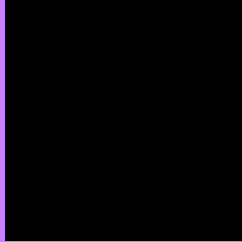
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6028, 0.2716, 0.1929

Background



This preview shows how black text looks on a background with the Yxy color 35.6028, 0.2716, 0.1929.



This preview shows how white text looks on a background with the Yxy color 35.6028, 0.2716, 0.1929.

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

35.6028, 0.2716, 0.1929

Protanopia

35.8847, 0.2212, 0.2064

Deuteranopia

36.0423, 0.2209, 0.2149



Tritanopia

35.5759, 0.3357, 0.3128

Trichromacy



Original Color

35.6028, 0.2716, 0.1929



Protanomaly

34.9791, 0.2358, 0.1992



Deuteranomaly

34.9808, 0.2357, 0.2043

Tritanomaly

35.0541, 0.3100, 0.2616

Monochromacy



Original Color

35.6028, 0.2716, 0.1929



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

35.9987, 0.2967, 0.2685

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6028, 0.2716, 0.1929 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(201, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 130, 255)  
}
```

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(201, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 130, 255) }
```

Border

The CSS property to change the border of an element to Yxy 35.6028, 0.2716, 0.1929 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(201, 130, 255) }
```

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

```
.border{ border-color:rgb(201, 130, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 130,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6028, 0.2716, 0.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 130, 255) }
```

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

```
.background{ background-color: rgb(201,  
130, 255) }
```

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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