

Converting Colors

Yxy(28.4158, 0.2794, 0.1626)

Have a look what the booklet for
Yxy(28.4158, 0.2794, 0.1626)
contains.

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Color

Yxy(28.3618, 0.2793, 0.1624)

Conversions

Conversions Part 1

Format	Color
Hex	D459FF
RGB	212, 89, 255
RGB Percent	83%, 35%, 100%
CMY	0.1685, 0.6510, 0.0000
CMYK	0.17, 0.65, 0.00, 0.00
HSL	284°, 100%, 67%
HSV	284°, 65%, 100%
XYZ	48.7774, 28.3618, 97.5024
YIQ	144.7010, 20.0220, 77.7020

Conversions

Conversions Part 2

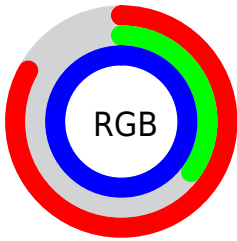
Format	Color
R _Y B	212, 89, 255
Decimal	13916671
CIE Lab	60.21, 71.80, -61.37
CIE LCh	60, 94.455, 319.479
Yxy	28.3618, 0.2793, 0.1624
Android (android.graphics.Color)	4292106751 (0xFFD459FF)
YUV	144.7010, 54.3774, 59.0212
Hunter-Lab	53.2558, 70.2919, -71.2710

Details

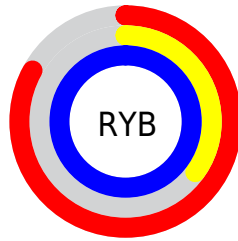
The Yxy color **28.3618, 0.2793, 0.1624** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **77.1364, 0.3222, 0.5281**, and the grayscale version is **27.9570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0378, 0.3176, 0.2239**, and **11.3399, 0.2651, 0.1280** is the 20% darker color. If you saturate the color by 10%, you get **23.8686, 0.2722, 0.1439**, and if you desaturate by 10%, it is **34.3661, 0.2861, 0.1847**.

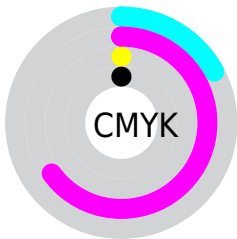
Distribution



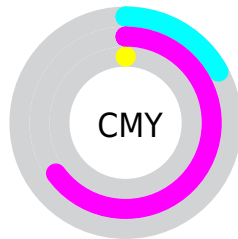
- Red (83%)
- Green (35%)
- Blue (100%)



- Red (83%)
- Yellow (35%)
- Blue (100%)



- Cyan (17%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3618, 0.2793, 0.1624 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 28.3618, 0.2793, 0.1624 by changing the saturation by 10% instead.

 28.3618, 0.2793,
0.1624


 28.3618, 0.2793,
0.1624


294.1917, 0.3003,
0.2373


 18.5986, 0.2732,
0.1466


 57.0616, 0.2877,
0.1875


 11.3806, 0.2650,
0.1280


 76.7669, 0.2906,
0.1975

 6.3234, 0.2537,
0.1060


 100.5550, 0.2930,
0.2063

 3.0427, 0.2376,
0.0803

 128.8103, 0.2950,
0.2140

 1.1541, 0.2140,
0.0515

161.9173, 0.2967,
0.2208

 0.0237, 0.1820,
0.0020

200.2602, 0.2981,

 0.0000, 0.1242,

0.2269

0.0000

244.2236, 0.2993,
0.2324

0.0000, 0.0000,
0.0000

28.3618, 0.2793,
0.1624

28.3618, 0.2793,
0.1624

23.8686, 0.2722,
0.1439

34.3661, 0.2861,
0.1847

20.7234, 0.2651,
0.1301

42.0151, 0.2925,
0.2099

18.7305, 0.2582,
0.1210

51.4313, 0.2982,
0.2366

18.0375, 0.2550,
0.1178

62.7245, 0.3032,
0.2639

75.9955, 0.3075,
0.2907

91.3379, 0.3111,
0.3164

99.9994, 0.3127,
0.3290

Harmonies

Analogous

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



28.3618, 0.1692, 0.1353



28.3618, 0.2793, 0.1624



28.3618, 0.4378, 0.2182

Triad

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



28.3618, 0.2793, 0.1624



28.3618, 0.5190, 0.4683



28.3618, 0.1069, 0.2905

Complementary

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



28.3618, 0.2793, 0.1624



77.1364, 0.3222, 0.5281

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.



28.3618, 0.1699, 0.4843



28.3618, 0.2793, 0.1624



28.3618, 0.4040, 0.5751

Square

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



28.3618, 0.2793, 0.1624



28.3618, 0.5906, 0.3717



28.3618, 0.2802, 0.6179



28.3618, 0.0923, 0.1806

Rectangle

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



28.3618, 0.2793, 0.1624



28.3618, 0.5351, 0.2662



28.3618, 0.2802, 0.6179



28.3618, 0.1217, 0.3481

Sweetspot

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



28.3630, 0.2793, 0.1624



69.2477, 0.3055, 0.2777



26.1875, 0.1976, 0.1691



14.0394, 0.3043, 0.2701



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.



28.3630, 0.2793, 0.1624



22.8279, 0.2702, 0.1394



33.3719, 0.3596, 0.2097



18.0499, 0.3096, 0.3053



9.5014, 0.2561, 0.1184



0.9776, 0.2637, 0.1226

Inverse Universe

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



30.0654, 0.4705, 0.2889



25.1718, 0.5209, 0.2892



75.1881, 0.2889, 0.4964



18.0642, 0.3253, 0.3229



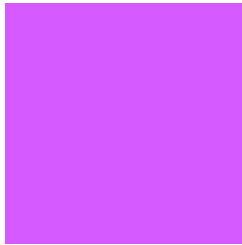
11.3348, 0.5908, 0.3028



1.1205, 0.5591, 0.2854

Previews

White Background



This preview shows how the Yxy color 28.3618, 0.2793, 0.1624 looks on a white background.

Color Contrast Check

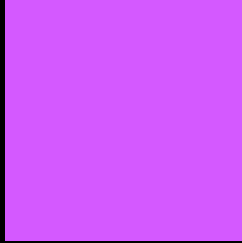
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3618, 0.2793, 0.1624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

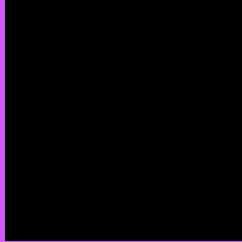
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3618, 0.2793, 0.1624

Background



This preview shows how black text looks on a background with the Yxy color 28.3618, 0.2793, 0.1624.

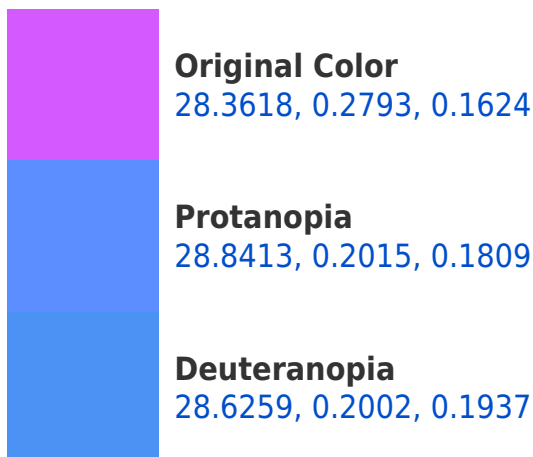


This preview shows how white text looks on a background with the Yxy color 28.3618, 0.2793, 0.1624.

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

28.2731, 0.3851, 0.3170

Trichromacy



Original Color

28.3618, 0.2793, 0.1624



Protanomaly

26.6202, 0.2208, 0.1666



Deuteranomaly

25.8045, 0.2174, 0.1713



Tritanomaly

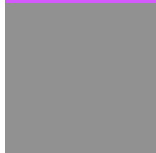
27.4824, 0.3418, 0.2464

Monochromacy



Original Color

28.3618, 0.2793, 0.1624



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

26.6050, 0.2994, 0.2455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3618, 0.2793, 0.1624 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, 89, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 89, 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(212, 89, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 89, 255) }
```

Border

The CSS property to change the border of an element to Yxy 28.3618, 0.2793, 0.1624 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, 89, 255) }
```

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

```
.border{ border-color:rgb(212, 89, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 89, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 89, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 89, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 89,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3618, 0.2793, 0.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 89, 255) }
```

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

```
.background{ background-color: rgb(212, 89,  
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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