

Converting Colors

$Y_{xy}(28.5395, 0.2750, 0.1813)$

Have a look what the booklet for
Yxy(28.5395, 0.2750, 0.1813)
contains.

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Color

Yxy(28.4857, 0.2752, 0.1809)

Conversions

Conversions Part 1

Format	Color
Hex	C26CF0
RGB	194, 108, 240
RGB Percent	76%, 42%, 94%
CMY	0.2393, 0.5764, 0.0589
CMYK	0.19, 0.55, 0.00, 0.06
HSL	279°, 81%, 68%
HSV	279°, 55%, 94%
XYZ	43.3348, 28.4857, 85.6461
YIQ	148.7620, 8.8840, 59.2840

Conversions

Conversions Part 2

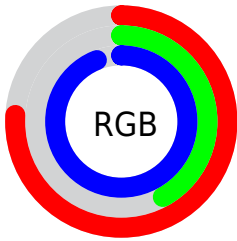
Format	Color
RYB	194, 108, 240
Decimal	12741872
CIELab	60.33, 55.84, -53.03
CIELCh	60, 77.007, 316.483
Yxy	28.4857, 0.2752, 0.1809
Android (android.graphics.Color)	4290931952 (0xFFC26CF0)
YUV	148.7620, 44.9803, 39.6737
Hunter-Lab	53.3720, 51.5301, -57.7823

Details

The Yxy color **28.4857, 0.2752, 0.1809** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **70.2710, 0.3307, 0.4923**, and the grayscale version is **29.7564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9433, 0.3153, 0.2380**, and **11.4696, 0.2605, 0.1477** is the 20% darker color. If you saturate the color by 10%, you get **23.0257, 0.2659, 0.1567**, and if you desaturate by 10%, it is **35.4032, 0.2840, 0.2076**.

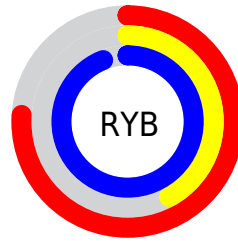
Distribution



Red (76%)

Green (42%)

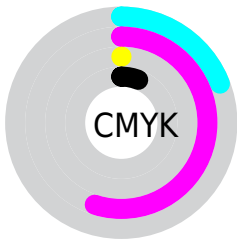
Blue (94%)



Red (76%)

Yellow (42%)

Blue (94%)

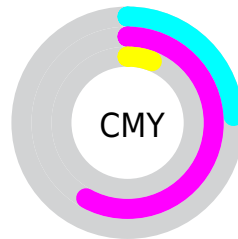


Cyan (19%)

Magenta (55%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (58%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4857, 0.2752, 0.1809 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 28.4857, 0.2752, 0.1809 by changing the saturation by 10% instead.


 28.4857, 0.2752,
0.1809

 28.4857, 0.2752,
0.1809


294.7805, 0.2975,
0.2499


 18.6921, 0.2689,
0.1656


 57.2590, 0.2839,
0.2046


 11.4480, 0.2604,
0.1472


 77.0074, 0.2870,
0.2139

 6.3690, 0.2487,
0.1249


 100.8429, 0.2896,
0.2219

 3.0707, 0.2320,
0.0978

 129.1499, 0.2917,
0.2290

 1.1688, 0.2070,
0.0655

162.3128, 0.2935,
0.2352

 0.0360, 0.1728,
0.0041

200.7159, 0.2950,

 0.0000, 0.0885,

0.2406

0.0000

244.7437, 0.2963,
0.2455

0.0000, 0.0000,
0.0000

28.4857, 0.2752,
0.1809

28.4857, 0.2752,
0.1809

23.0257, 0.2659,
0.1567

35.4032, 0.2840,
0.2076

18.9014, 0.2563,
0.1363

43.8799, 0.2920,
0.2355

15.9763, 0.2468,
0.1206


54.0120, 0.2991,
0.2636


14.0818, 0.2378,
0.1099


65.8870, 0.3052,
0.2908

13.3920, 0.2335,
0.1060

79.5858, 0.3104,
0.3167

 95.1846, 0.3148,
0.3408

 98.6088, 0.3199,
0.3435

 99.0708, 0.3214,
0.3434

Harmonies

Analogous

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



28.4857, 0.1831, 0.1588



28.4857, 0.2752, 0.1809



28.4857, 0.4035, 0.2295

Triad

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



28.4857, 0.2752, 0.1809



28.4857, 0.5064, 0.4541



28.4857, 0.1399, 0.3155

Complementary

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



28.4857, 0.2752, 0.1809



70.2710, 0.3307, 0.4923

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.



28.4857, 0.2048, 0.4676



28.4857, 0.2752, 0.1809



28.4857, 0.4146, 0.5361

Square

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



28.4857, 0.2752, 0.1809



28.4857, 0.5520, 0.3709



28.4857, 0.3063, 0.5632



28.4857, 0.1192, 0.2124

Rectangle

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



28.4857, 0.2752, 0.1809



28.4857, 0.4854, 0.2727



28.4857, 0.3063, 0.5632



28.4857, 0.1563, 0.3638

Sweetspot

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



28.4868, 0.2752, 0.1809



74.0760, 0.3046, 0.2880



32.6598, 0.2188, 0.2133



15.2265, 0.3034, 0.2824



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.



28.4868, 0.2752, 0.1809



25.7682, 0.2647, 0.1540



34.4302, 0.3384, 0.2148



15.7397, 0.3082, 0.3053



7.4083, 0.2348, 0.1067



0.6714, 0.2462, 0.1130

Inverse Universe

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



31.5863, 0.4174, 0.2797



30.0836, 0.4525, 0.2736



67.0585, 0.2957, 0.4810



15.8498, 0.3238, 0.3208



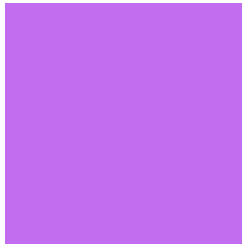
10.5112, 0.5581, 0.2848



0.8926, 0.5216, 0.2647

Previews

White Background



This preview shows how the Yxy color 28.4857, 0.2752, 0.1809 looks on a white background.

Color Contrast Check

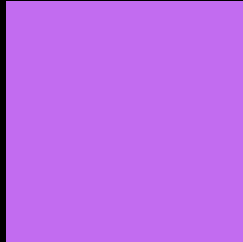
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4857, 0.2752, 0.1809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

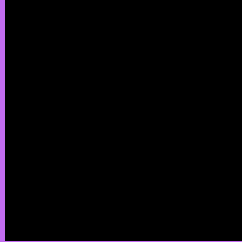
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4857, 0.2752, 0.1809

Background



This preview shows how black text looks on a background with the Yxy color 28.4857, 0.2752, 0.1809.



This preview shows how white text looks on a background with the Yxy color 28.4857, 0.2752, 0.1809.

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

28.4857, 0.2752, 0.1809

Protanopia

28.8932, 0.2020, 0.1810

Deuteranopia

28.9278, 0.2132, 0.2069



Tritanopia

28.3419, 0.3546, 0.3147

Trichromacy



Original Color

28.4857, 0.2752, 0.1809



Protanomaly

27.6132, 0.2208, 0.1770



Deuteranomaly

27.4642, 0.2296, 0.1917



Tritanomaly

27.8200, 0.3228, 0.2565

Monochromacy



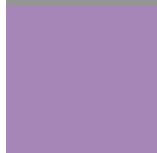
Original Color

28.4857, 0.2752, 0.1809



Achromatopsia

30.0544, 0.3127, 0.3290



Achromatomaly

28.4269, 0.2982, 0.2609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4857, 0.2752, 0.1809 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(194, 108, 240)` looks like.

```
.text, #text, p{  
    color:rgb(194, 108, 240)  
}
```

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(194, 108, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 108, 240) }
```

Border

The CSS property to change the border of an element to Yxy 28.4857, 0.2752, 0.1809 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(194, 108, 240) }
```

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

```
.border{ border-color:rgb(194, 108, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 108, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 108, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 108, 240);  
box-shadow:4px 4px 4px 4px rgb(194, 108,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4857, 0.2752, 0.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 108, 240) }
```

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

```
.background{ background-color: rgb(194,  
108, 240) }
```

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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