

Converting Colors

$Y_{xy}(35.8851, 0.2929, 0.2358)$

Have a look what the booklet for
Yxy(35.8851, 0.2929, 0.2358)
contains.

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Color

Yxy(35.7979, 0.2928, 0.2358)

Conversions

Conversions Part 1

Format	Color
Hex	C18EDB
RGB	193, 142, 219
RGB Percent	76%, 56%, 86%
CMY	0.2431, 0.4431, 0.1413
CMYK	0.12, 0.35, 0.00, 0.14
HSL	280°, 52%, 71%
HSV	280°, 35%, 86%
XYZ	44.4513, 35.7979, 71.5654
YIQ	166.0270, 5.6790, 34.7590

Conversions

Conversions Part 2

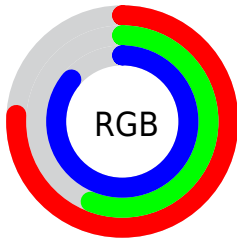
Format	Color
R_{YB}	193, 142, 219
Decimal	12685019
CIE _{Lab}	66.37, 33.09, -31.88
CIE _{LCh}	66, 45.947, 316.061
Yxy	35.7979, 0.2928, 0.2358
Android (android.graphics.Color)	4290875099 (0xFFC18EDB)
YUV	166.0270, 26.1157, 23.6553
Hunter-Lab	59.8313, 27.9106, -29.0360

Details

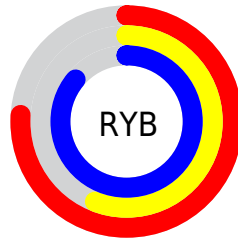
The Yxy color **35.7979, 0.2928, 0.2358** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **60.9223, 0.3260, 0.4285**, and the grayscale version is **38.0175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0238, 0.3117, 0.2706**, and **15.5658, 0.2846, 0.2117** is the 20% darker color. If you saturate the color by 10%, you get **28.9644, 0.2851, 0.2082**, and if you desaturate by 10%, it is **43.9627, 0.2996, 0.2636**.

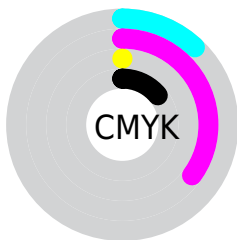
Distribution



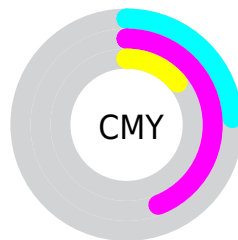
- Red (76%)
- Green (56%)
- Blue (86%)



- Red (76%)
- Yellow (56%)
- Blue (86%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)





- Cyan (24%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.7979, 0.2928, 0.2358 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 35.7979, 0.2928, 0.2358 by changing the saturation by 10% instead.


 35.7979, 0.2928,
0.2358

 35.7979, 0.2928,
0.2358


328.0763, 0.3041,
0.2808


 24.2782, 0.2896,
0.2252


 68.7200, 0.2972,
0.2517

 15.5401, 0.2853,
0.2119


 90.8912, 0.2988,
0.2578

 9.1993, 0.2793,
0.1949


 117.3816, 0.3001,
0.2630

 4.8714, 0.2703,
0.1726

148.5757, 0.3012,
0.2676

 2.1720, 0.2562,
0.1424

184.8578, 0.3021,
0.2715

 0.7047, 0.2321,
0.0991

226.6123, 0.3029,

 0.0000, 0.1718,

0.2750

0.0000

274.2237, 0.3036,
0.2780

0.0000, 0.0000,
0.0000

35.7979, 0.2928,
0.2358

35.7979, 0.2928,
0.2358

28.9644, 0.2851,
0.2082

43.9627, 0.2996,
0.2636

23.3817, 0.2767,
0.1818

53.5242, 0.3055,
0.2907

18.9675, 0.2678,
0.1579


64.5486, 0.3105,
0.3164


15.6273, 0.2585,
0.1378

77.0968, 0.3146,
0.3404


13.2515, 0.2494,
0.1222


91.2260, 0.3181,
0.3625

 11.7061, 0.2407,
0.1116

 94.6931, 0.3225,
0.3654

 11.1446, 0.2366,
0.1077

 95.9928, 0.3273,
0.3649

 97.3455, 0.3321,
0.3643

 97.8930, 0.3340,
0.3641

Harmonies

Analogous

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



35.7979, 0.2342, 0.2218



35.7979, 0.2928, 0.2358



35.7979, 0.3645, 0.2689

Triad

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



35.7979, 0.2928, 0.2358



35.7979, 0.4354, 0.4178



35.7979, 0.2095, 0.3283

Complementary

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



35.7979, 0.2928, 0.2358



60.9223, 0.3260, 0.4285

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.



35.7979, 0.2553, 0.4018



35.7979, 0.2928, 0.2358



35.7979, 0.3858, 0.4528

Square

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



35.7979, 0.2928, 0.2358



35.7979, 0.4520, 0.3674



35.7979, 0.3197, 0.4512



35.7979, 0.1907, 0.2661

Rectangle

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



35.7979, 0.2928, 0.2358



35.7979, 0.4082, 0.2987



35.7979, 0.3197, 0.4512



35.7979, 0.2219, 0.3530

Sweetspot

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



35.7994, 0.2928, 0.2358



81.6407, 0.3076, 0.3013



39.2184, 0.2543, 0.2616



17.0289, 0.3069, 0.2977



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.



35.7994, 0.2928, 0.2358



43.4104, 0.2874, 0.2158



38.9285, 0.3274, 0.2539



13.0435, 0.3084, 0.3056



6.6724, 0.2378, 0.1084



0.4789, 0.2516, 0.1160

Inverse Universe

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



37.2282, 0.3677, 0.2979



45.8698, 0.3843, 0.2915



58.7180, 0.3009, 0.4180



13.1236, 0.3239, 0.3211



9.2402, 0.5614, 0.2867



0.6144, 0.5155, 0.2613

Previews

White Background



This preview shows how the Yxy color 35.7979, 0.2928, 0.2358 looks on a white background.

Color Contrast Check

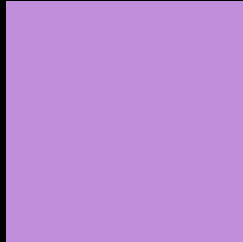
Large Text (above 18pt) WCAG AA × Fail

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 35.7979, 0.2928, 0.2358 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 35.7979, 0.2928, 0.2358

Background



This preview shows how black text looks on a background with the Yxy color 35.7979, 0.2928, 0.2358.



This preview shows how white text looks on a background with the Yxy color 35.7979, 0.2928, 0.2358.

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

35.7979, 0.2928, 0.2358

Protanopia

36.0257, 0.2419, 0.2327

Deuteranopia

35.9572, 0.2580, 0.2519



Tritanopia

35.8134, 0.3335, 0.3128

Trichromacy



Original Color

35.7979, 0.2928, 0.2358



Protanomaly

35.5976, 0.2582, 0.2335



Deuteranomaly

35.6847, 0.2698, 0.2455



Tritanomaly

35.6890, 0.3179, 0.2819

Monochromacy



Original Color

35.7979, 0.2928, 0.2358



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

36.8468, 0.3060, 0.2912

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7979, 0.2928, 0.2358 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(193, 142, 219)` looks like.

```
.text, #text, p{  
    color:rgb(193, 142, 219)  
}
```

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(193, 142, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 142, 219) }
```

Border

The CSS property to change the border of an element to Yxy 35.7979, 0.2928, 0.2358 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(193, 142, 219) }
```

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

```
.border{ border-color:rgb(193, 142, 219) }
```

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

Here you see how a box with a 4 pixel rgb(193, 142, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 142, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 142, 219);  
box-shadow:4px 4px 4px 4px rgb(193, 142,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7979, 0.2928, 0.2358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 142, 219) }
```

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

```
.background{ background-color: rgb(193,  
142, 219) }
```

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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