

Converting Colors

$Yxy(36.0683, 0.3493, 0.2853)$

Have a look what the booklet for
Yxy(36.0683, 0.3493, 0.2853)
contains.

Yxy(35.9257, 0.3490, 0.2847)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.9257, 0.3490, 0.2847)

Conversions

Conversions Part 1

Format	Color
Hex	D28DB1
RGB	210, 141, 177
RGB Percent	82%, 55%, 69%
CMY	0.1765, 0.4470, 0.3058
CMYK	0.00, 0.33, 0.16, 0.18
HSL	329°, 43%, 69%
HSV	329°, 33%, 82%
XYZ	44.0396, 35.9257, 46.2226
YIQ	165.7350, 29.5680, 25.8240

Conversions

Conversions Part 2

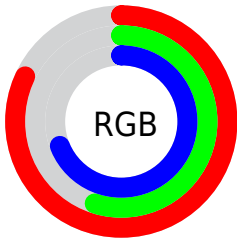
Format	Color
R _Y B	210, 141, 177
Decimal	13798833
CIE Lab	66.46, 31.46, -8.13
CIE LCh	66, 32.496, 345.503
Yxy	35.9257, 0.3490, 0.2847
Android (android.graphics.Color)	4291988913 (0xFFD28DB1)
YUV	165.7350, 5.5536, 38.8204
Hunter-Lab	59.9381, 26.2616, -3.7662

Details

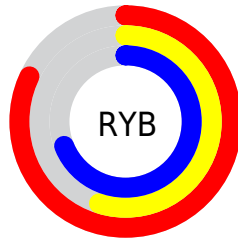
The Yxy color **35.9257, 0.3490, 0.2847** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.8077, 0.2876, 0.3783**, and the grayscale version is **37.9621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1734, 0.3317, 0.2908**, and **15.6376, 0.3601, 0.2731** is the 20% darker color. If you saturate the color by 10%, you get **29.9248, 0.3647, 0.2711**, and if you desaturate by 10%, it is **43.1334, 0.3356, 0.2987**.

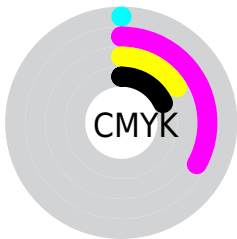
Distribution



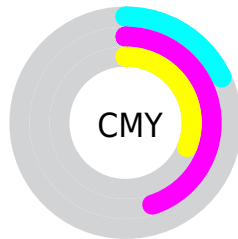
- Red (82%)
- Green (55%)
- Blue (69%)



- Red (82%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (16%)
- Black (18%)





- Cyan (18%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9257, 0.3490, 0.2847 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 35.9257, 0.3490, 0.2847 by changing the saturation by 10% instead.


 35.9257, 0.3490,
0.2847

 35.9257, 0.3490,
0.2847


328.6357, 0.3305,
0.3070

 24.3768, 0.3538,
0.2791


 68.9174, 0.3422,
0.2929

 15.6134, 0.3599,
0.2718


 91.1289, 0.3396,
0.2959

 9.2510, 0.3683,
0.2621


 117.6635, 0.3375,
0.2985

 4.9053, 0.3802,
0.2486

148.9056, 0.3357,
0.3007

 2.1918, 0.3985,
0.2282

185.2394, 0.3341,
0.3026

 0.7155, 0.4313,
0.1923

227.0494, 0.3327,


 0.0000, 0.7355,

0.3043


0.0000


274.7201, 0.3315,
0.3057


 0.0000, 0.0000,
0.0000


 35.9257, 0.3490,
0.2847

 35.9257, 0.3490,
0.2847

 29.9248, 0.3647,
0.2711


 43.1334, 0.3356,
0.2987


 25.0585, 0.3829,
0.2585


 51.6048, 0.3244,
0.3123


 21.2547, 0.4034,
0.2481


 61.3992, 0.3151,
0.3254

 18.4307, 0.4258,
0.2411


 72.5707, 0.3073,
0.3377

 16.4915, 0.4491,
0.2387


 85.1702, 0.3009,
0.3491

 15.3227, 0.4722,
0.2416

 91.3487, 0.2954,
0.3475

 14.8188, 0.4883,
0.2463

 91.9525, 0.2901,
0.3369

 92.4406, 0.2860,
0.3289

Harmonies

Analogous

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



35.9257, 0.2985, 0.2598



35.9257, 0.3490, 0.2847



35.9257, 0.3917, 0.3199

Triad

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



35.9257, 0.3490, 0.2847



35.9257, 0.3679, 0.4169



35.9257, 0.2231, 0.2864

Complementary

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



35.9257, 0.3490, 0.2847



54.8077, 0.2876, 0.3783

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.



35.9257, 0.2385, 0.3310



35.9257, 0.3490, 0.2847



35.9257, 0.3206, 0.4130

Square

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



35.9257, 0.3490, 0.2847



35.9257, 0.4018, 0.3950



35.9257, 0.2734, 0.3799



35.9257, 0.2291, 0.2584

Rectangle

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



35.9257, 0.3490, 0.2847



35.9257, 0.4080, 0.3461



35.9257, 0.2734, 0.3799



35.9257, 0.2259, 0.2997

Sweetspot

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



35.9274, 0.3490, 0.2847



84.0356, 0.3217, 0.3160



32.6111, 0.2820, 0.2393



17.5437, 0.3231, 0.3141



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.



35.9274, 0.3490, 0.2847



49.4147, 0.3591, 0.2756



34.7443, 0.3858, 0.3263



11.9099, 0.3210, 0.3169



9.0604, 0.4852, 0.2446



0.5226, 0.4469, 0.2236

Inverse Universe

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



35.9274, 0.3490, 0.2847



49.4147, 0.3591, 0.2756



56.2919, 0.2675, 0.3319



11.9099, 0.3210, 0.3169



9.0604, 0.4852, 0.2446



0.5226, 0.4469, 0.2236

Previews

White Background



This preview shows how the Yxy color 35.9257, 0.3490, 0.2847 looks on a white background.

Color Contrast Check

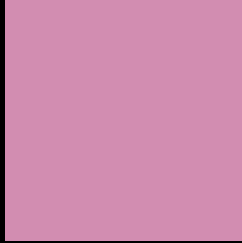
Large Text (above 18pt) WCAG AA × Fail

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 35.9257, 0.3490, 0.2847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

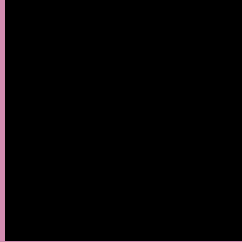
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9257, 0.3490, 0.2847

Background



This preview shows how black text looks on a background with the Yxy color 35.9257, 0.3490, 0.2847.



This preview shows how white text looks on a background with the Yxy color 35.9257, 0.3490, 0.2847.

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

35.9257, 0.3490, 0.2847

Protanopia

36.2754, 0.2840, 0.2882

Deuteranopia

35.9406, 0.3119, 0.3054



Tritanopia

36.0610, 0.3684, 0.3152

Trichromacy



Original Color

35.9257, 0.3490, 0.2847

Protanomaly

35.8441, 0.3061, 0.2871

Deuteranomaly

35.6675, 0.3252, 0.2970

Tritanomaly

36.1822, 0.3611, 0.3041

Monochromacy



Original Color

35.9257, 0.3490, 0.2847

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.9613, 0.3252, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9257, 0.3490, 0.2847 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(210, 141, 177)` looks like.

```
.text, #text, p{  
    color:rgb(210, 141, 177)  
}
```

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(210, 141, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 141, 177) }
```

Border

The CSS property to change the border of an element to Yxy 35.9257, 0.3490, 0.2847 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(210, 141, 177) }
```

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

```
.border{ border-color:rgb(210, 141, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 141, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 141, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 141, 177); box-shadow:4px 4px 4px 4px rgb(210, 141, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9257, 0.3490, 0.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 141, 177) }
```

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

```
.background{ background-color: rgb(210,  
141, 177) }
```

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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