

Converting Colors

$Y_{xy}(35.8719, 0.3409, 0.2748)$

Have a look what the booklet for
Yxy(35.8719, 0.3409, 0.2748)
contains.

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Color

Yxy(35.7722, 0.3409, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	D18CB8
RGB	209, 140, 184
RGB Percent	82%, 55%, 72%
CMY	0.1804, 0.4510, 0.2783
CMYK	0.00, 0.33, 0.12, 0.18
HSL	322°, 43%, 68%
HSV	322°, 33%, 82%
XYZ	44.3284, 35.7722, 49.9328
YIQ	165.6470, 27.0000, 28.3120

Conversions

Conversions Part 2

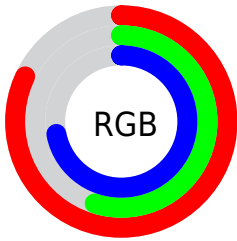
Format	Color
R _Y B	209, 140, 184
Decimal	13733048
CIE Lab	66.35, 32.81, -12.26
CIE LCh	66, 35.026, 339.518
Yxy	35.7722, 0.3409, 0.2751
Android (android.graphics.Color)	4291923128 (0xFFD18CB8)
YUV	165.6470, 9.0480, 38.0206
Hunter-Lab	59.8099, 27.6290, -7.6319

Details

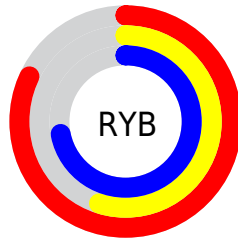
The Yxy color **35.7722, 0.3409, 0.2751** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.8956, 0.2925, 0.3901**, and the grayscale version is **37.9013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1348, 0.3265, 0.2831**, and **15.5558, 0.3483, 0.2604** is the 20% darker color. If you saturate the color by 10%, you get **29.9262, 0.3527, 0.2587**, and if you desaturate by 10%, it is **42.7984, 0.3307, 0.2919**.

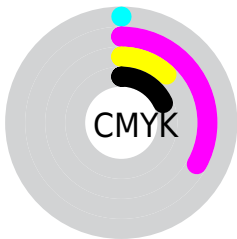
Distribution



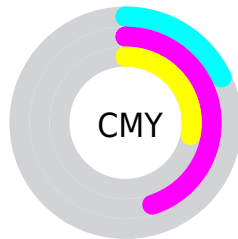
- Red (82%)
- Green (55%)
- Blue (72%)



- Red (82%)
- Yellow (55%)
- Blue (72%)



- Cyan (0%)
- Magenta (33%)
- Yellow (12%)
- Black (18%)




- Cyan (18%)
- Magenta (45%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7722, 0.3409, 0.2751 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 35.7722, 0.3409, 0.2751 by changing the saturation by 10% instead.


 35.7722, 0.3409,
0.2751


 35.7722, 0.3409,
0.2751


327.9638, 0.3268,
0.3020


 24.2583, 0.3444,
0.2684


 68.6803, 0.3358,
0.2849

 15.5253, 0.3490,
0.2599


 90.8433, 0.3338,
0.2885

 9.1889, 0.3550,
0.2485


 117.3249, 0.3322,
0.2916

 4.8646, 0.3634,
0.2328

148.5093, 0.3308,
0.2943

 2.1680, 0.3758,
0.2097

184.7810, 0.3296,
0.2966

 0.7025, 0.3972,
0.1704

226.5244, 0.3285,

 0.0000, 0.5001,

0.2986

0.0000

274.1238, 0.3276,
0.3004

0.0000, 0.0000,
0.0000

35.7722, 0.3409,
0.2751

35.7722, 0.3409,
0.2751

29.9262, 0.3527,
0.2587

42.7984, 0.3307,
0.2919

25.1894, 0.3660,
0.2437

51.0610, 0.3220,
0.3084

21.4908, 0.3807,
0.2309


60.6181, 0.3147,
0.3244


18.7487, 0.3964,
0.2216


71.5230, 0.3085,
0.3394


16.8696, 0.4127,
0.2167

83.8259, 0.3034,
0.3534


 15.7405, 0.4288,
0.2170

 90.7570, 0.2991,
0.3560

 15.2600, 0.4398,
0.2197

 91.1898, 0.2950,
0.3478

 91.6413, 0.2910,
0.3398

 92.1117, 0.2870,
0.3319

Harmonies

Analogous

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



35.7722, 0.2869, 0.2514



35.7722, 0.3409, 0.2751



35.7722, 0.3904, 0.3109

Triad

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



35.7722, 0.3409, 0.2751



35.7722, 0.3807, 0.4208



35.7722, 0.2181, 0.2910

Complementary

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



35.7722, 0.3409, 0.2751



53.8956, 0.2925, 0.3901

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.



35.7722, 0.2389, 0.3417



35.7722, 0.3409, 0.2751



35.7722, 0.3315, 0.4237

Square

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



35.7722, 0.3409, 0.2751



35.7722, 0.4131, 0.3926



35.7722, 0.2796, 0.3935



35.7722, 0.2201, 0.2573

Rectangle

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



35.7722, 0.3409, 0.2751



35.7722, 0.4118, 0.3384



35.7722, 0.2796, 0.3935



35.7722, 0.2226, 0.3065

Sweetspot

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



35.7738, 0.3409, 0.2751



84.2155, 0.3198, 0.3131



31.2678, 0.2746, 0.2370



17.5873, 0.3209, 0.3108



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.



35.7738, 0.3409, 0.2751



49.1089, 0.3495, 0.2629



34.5251, 0.3773, 0.3161



11.9334, 0.3192, 0.3143



9.4276, 0.4376, 0.2185



0.5420, 0.4108, 0.2037

Inverse Universe

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



35.7738, 0.3409, 0.2751



49.1089, 0.3495, 0.2629



55.2876, 0.2720, 0.3426



11.9334, 0.3192, 0.3143



9.4276, 0.4376, 0.2185



0.5420, 0.4108, 0.2037

Previews

White Background



This preview shows how the Yxy color 35.7722, 0.3409, 0.2751 looks on a white background.

Color Contrast Check

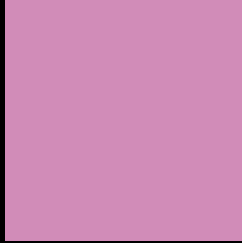
Large Text (above 18pt) WCAG AA × Fail

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 35.7722, 0.3409, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

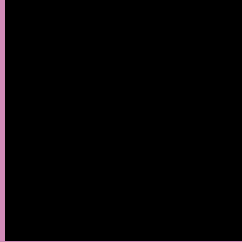
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7722, 0.3409, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 35.7722, 0.3409, 0.2751.



This preview shows how white text looks on a background with the Yxy color 35.7722, 0.3409, 0.2751.

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

35.7722, 0.3409, 0.2751

Protanopia

35.9451, 0.2761, 0.2773

Deuteranopia

35.7750, 0.3020, 0.2956



Tritanopia

35.7729, 0.3663, 0.3151

Trichromacy



Original Color

35.7722, 0.3409, 0.2751

Protanomaly

35.4725, 0.2972, 0.2764

Deuteranomaly

35.5779, 0.3156, 0.2877

Tritanomaly

35.6635, 0.3571, 0.3001

Monochromacy



Original Color

35.7722, 0.3409, 0.2751

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.0762, 0.3225, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7722, 0.3409, 0.2751 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(209, 140, 184)` looks like.

```
.text, #text, p{  
    color:rgb(209, 140, 184)  
}
```

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(209, 140, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 140, 184) }
```

Border

The CSS property to change the border of an element to Yxy 35.7722, 0.3409, 0.2751 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(209, 140, 184) }
```

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

```
.border{ border-color:rgb(209, 140, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 140, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 140, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 140, 184);  
box-shadow:4px 4px 4px 4px rgb(209, 140,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7722, 0.3409, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 140, 184) }
```

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

```
.background{ background-color: rgb(209,  
140, 184) }
```

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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