

Converting Colors

$Y_{xy}(35.1132, 0.3280, 0.2756)$

Have a look what the booklet for
Yxy(35.1132, 0.3280, 0.2756)
contains.

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Color

Yxy(35.1535, 0.3284, 0.2757)

Conversions

Conversions Part 1

Format	Color
Hex	C68FB9
RGB	198, 143, 185
RGB Percent	78%, 56%, 73%
CMY	0.2234, 0.4392, 0.2745
CMYK	0.00, 0.28, 0.07, 0.22
HSL	314°, 33%, 67%
HSV	314°, 28%, 78%
XYZ	41.8731, 35.1535, 50.4798
YIQ	164.2330, 19.2980, 24.7220

Conversions

Conversions Part 2

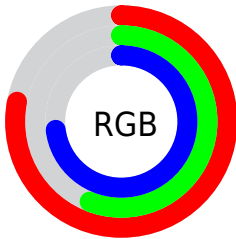
Format	Color
R_{YB}	198, 143, 185
Decimal	13012921
CIE _{Lab}	65.87, 27.57, -13.64
CIE _{LCh}	66, 30.764, 333.680
Yxy	35.1535, 0.3284, 0.2757
Android (android.graphics.Color)	4291203001 (0xFFC68FB9)
YUV	164.2330, 10.2381, 29.6137
Hunter-Lab	59.2904, 22.3052, -8.9762

Details

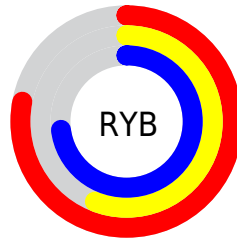
The Yxy color **35.1535, 0.3284, 0.2757** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.6391, 0.3001, 0.3890**, and the grayscale version is **37.1859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5434, 0.3255, 0.2852**, and **15.1599, 0.3319, 0.2604** is the 20% darker color. If you saturate the color by 10%, you get **29.5308, 0.3357, 0.2563**, and if you desaturate by 10%, it is **41.8352, 0.3220, 0.2953**.

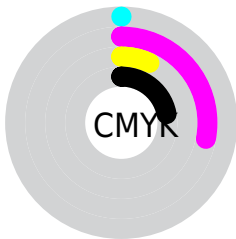
Distribution



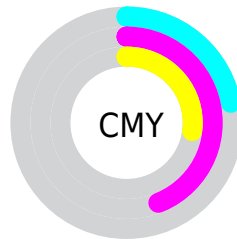
- Red (78%)
- Green (56%)
- Blue (73%)



- Red (78%)
- Yellow (56%)
- Blue (73%)



- Cyan (0%)
- Magenta (28%)
- Yellow (7%)
- Black (22%)





- Cyan (22%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1535, 0.3284, 0.2757 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 35.1535, 0.3284, 0.2757 by changing the saturation by 10% instead.


 35.1535, 0.3284,
0.2757


 35.1535, 0.3284,
0.2757


325.2454, 0.3207,
0.3024

 23.7811, 0.3303,
0.2690


 67.7235, 0.3257,
0.2854

 15.1714, 0.3326,
0.2605


 89.6899, 0.3246,
0.2891

 8.9397, 0.3356,
0.2491


115.9565, 0.3237,
0.2921

 4.7019, 0.3397,
0.2333

146.9076, 0.3230,
0.2948

 2.0734, 0.3455,
0.2099

182.9277, 0.3223,
0.2971

 0.6496, 0.3556,
0.1680

224.4010, 0.3217,

 0.0000, 0.3435,

0.2991

0.0000

271.7121, 0.3212,
0.3008

■ 0.0000, 0.0000,
0.0000

■ 35.1535, 0.3284,
0.2757

■ 35.1535, 0.3284,
0.2757

■ 29.5308, 0.3357,
0.2563

■ 41.8352, 0.3220,
0.2953

■ 24.9073, 0.3437,
0.2379

■ 49.6225, 0.3165,
0.3146

■ 21.2241, 0.3525,
0.2215

■ 58.5648, 0.3117,
0.3330

■ 18.4145, 0.3618,
0.2081

■ 68.7071, 0.3077,
0.3504

■ 16.4028, 0.3713,
0.1985

■ 80.0920, 0.3043,
0.3666

■ 15.1005, 0.3808,
0.1936

■ 88.3390, 0.3015,
0.3747

■ 14.3780, 0.3899,
0.1931

■ 88.5805, 0.2990,
0.3694

■ 14.2492, 0.3919,
0.1933

■ 88.8290, 0.2964,
0.3642

■ 89.0844, 0.2939,
0.3590

Harmonies

Analogous

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



35.1535, 0.2815, 0.2570



35.1535, 0.3284, 0.2757



35.1535, 0.3739, 0.3063

Triad

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



35.1535, 0.3284, 0.2757



35.1535, 0.3805, 0.4071



35.1535, 0.2304, 0.3038

Complementary

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



35.1535, 0.3284, 0.2757



48.6391, 0.3001, 0.3890

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.



35.1535, 0.2531, 0.3498



35.1535, 0.3284, 0.2757



35.1535, 0.3390, 0.4138

Square

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



35.1535, 0.3284, 0.2757



35.1535, 0.4046, 0.3799



35.1535, 0.2923, 0.3926



35.1535, 0.2280, 0.2700

Rectangle

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



35.1535, 0.3284, 0.2757



35.1535, 0.3958, 0.3307



35.1535, 0.2923, 0.3926



35.1535, 0.2358, 0.3184

Sweetspot

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



35.1551, 0.3284, 0.2757



87.3609, 0.3166, 0.3139



30.7727, 0.2760, 0.2521



18.2225, 0.3174, 0.3110



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.



35.1551, 0.3284, 0.2757



56.3327, 0.3324, 0.2646



34.1093, 0.3566, 0.3099



10.7720, 0.3173, 0.3115



9.2779, 0.3908, 0.1926



0.4500, 0.3733, 0.1830

Inverse Universe

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



35.1551, 0.3284, 0.2757



56.3327, 0.3324, 0.2646



49.6719, 0.2820, 0.3492



10.7720, 0.3173, 0.3115



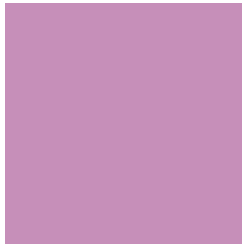
9.2779, 0.3908, 0.1926



0.4500, 0.3733, 0.1830

Previews

White Background



This preview shows how the Yxy color 35.1535, 0.3284, 0.2757 looks on a white background.

Color Contrast Check

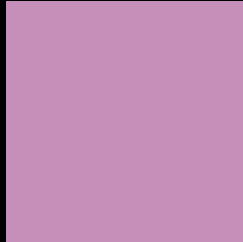
Large Text (above 18pt) WCAG AA × Fail

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 35.1535, 0.3284, 0.2757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

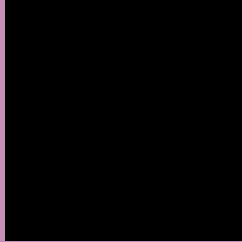
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1535, 0.3284, 0.2757

Background



This preview shows how black text looks on a background with the Yxy color 35.1535, 0.3284, 0.2757.



This preview shows how white text looks on a background with the Yxy color 35.1535, 0.3284, 0.2757.

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

35.1535, 0.3284, 0.2757

Protanopia

35.4572, 0.2759, 0.2771

Deuteranopia

35.1952, 0.2975, 0.2912



Tritanopia

35.2851, 0.3508, 0.3146

Trichromacy



Original Color

35.1535, 0.3284, 0.2757

Protanomaly

35.0233, 0.2935, 0.2759

Deuteranomaly

34.9410, 0.3080, 0.2843

Tritanomaly

35.1207, 0.3430, 0.3003

Monochromacy



Original Color

35.1535, 0.3284, 0.2757

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.9856, 0.3176, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1535, 0.3284, 0.2757 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(198, 143, 185)` looks like.

```
.text, #text, p{  
    color:rgb(198, 143, 185)  
}
```

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(198, 143, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 143, 185) }
```

Border

The CSS property to change the border of an element to Yxy 35.1535, 0.3284, 0.2757 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(198, 143, 185) }
```

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

```
.border{ border-color:rgb(198, 143, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 143, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 143, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 143, 185);  
box-shadow:4px 4px 4px 4px rgb(198, 143,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1535, 0.3284, 0.2757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 143, 185) }
```

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

```
.background{ background-color: rgb(198,  
143, 185) }
```

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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