

Converting Colors

$Y_{xy}(35.4442, 0.3297, 0.2628)$

Have a look what the booklet for
Yxy(35.4442, 0.3297, 0.2628)
contains.

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Color

Yxy(35.5809, 0.3300, 0.2633)

Conversions

Conversions Part 1

Format	Color
Hex	CF8BC1
RGB	207, 139, 193
RGB Percent	81%, 55%, 76%
CMY	0.1881, 0.4549, 0.2432
CMYK	0.00, 0.33, 0.07, 0.19
HSL	312°, 41%, 68%
HSV	312°, 33%, 81%
XYZ	44.5944, 35.5809, 54.9592
YIQ	165.4880, 23.1940, 31.2100

Conversions

Conversions Part 2

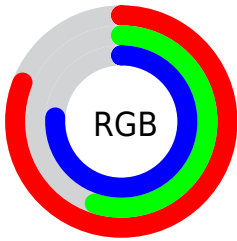
Format	Color
R _Y B	207, 139, 193
Decimal	13601729
CIE Lab	66.20, 34.22, -17.52
CIE LCh	66, 38.444, 332.888
Yxy	35.5809, 0.3300, 0.2633
Android (android.graphics.Color)	4291791809 (0xFFCF8BC1)
YUV	165.4880, 13.5634, 36.4060
Hunter-Lab	59.6497, 29.0603, -12.8729

Details

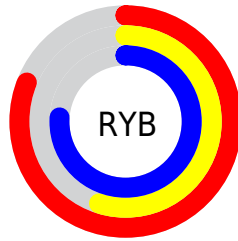
The Yxy color **35.5809, 0.3300, 0.2633** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.4288, 0.2993, 0.4052**, and the grayscale version is **37.7995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3021, 0.3192, 0.2728**, and **15.5189, 0.3353, 0.2466** is the 20% darker color. If you saturate the color by 10%, you get **29.9566, 0.3368, 0.2437**, and if you desaturate by 10%, it is **42.3491, 0.3239, 0.2836**.

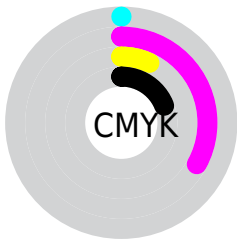
Distribution



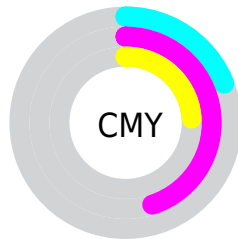
- Red (81%)
- Green (55%)
- Blue (76%)



- Red (81%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (33%)
- Yellow (7%)
- Black (19%)





- Cyan (19%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5809, 0.3300, 0.2633 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 35.5809, 0.3300, 0.2633 by changing the saturation by 10% instead.


 35.5809, 0.3300,
0.2633

 35.5809, 0.3300,
0.2633


327.1250, 0.3218,
0.2957

 24.1107, 0.3319,
0.2554


 68.3847, 0.3271,
0.2750

 15.4158, 0.3343,
0.2453


 90.4871, 0.3260,
0.2794

 9.1117, 0.3372,
0.2320


 116.9023, 0.3251,
0.2832

 4.8141, 0.3411,
0.2139

148.0148, 0.3242,
0.2864

 2.1386, 0.3460,
0.1880

184.2089, 0.3235,
0.2892

 0.6862, 0.3534,
0.1455

225.8691, 0.3229,

 0.0000, 0.3622,

0.2916

0.0000

273.3796, 0.3223,
0.2938

0.0000, 0.0000,
0.0000

35.5809, 0.3300,
0.2633

35.5809, 0.3300,
0.2633

29.9566, 0.3368,
0.2437

42.3491, 0.3239,
0.2836

25.4070, 0.3442,
0.2256

50.3157, 0.3186,
0.3039

21.8631, 0.3521,
0.2101

59.5373, 0.3139,
0.3235

19.2457, 0.3603,
0.1982


70.0657, 0.3099,
0.3422


17.4637, 0.3684,
0.1905


81.9497, 0.3066,
0.3598

 16.4074, 0.3763,
0.1876

 89.8842, 0.3039,
0.3679

 15.9602, 0.3817,
0.1876

 90.1117, 0.3015,
0.3632

 90.3451, 0.2992,
0.3585

 90.5843, 0.2968,
0.3539

Harmonies

Analogous

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



35.5809, 0.2723, 0.2413



35.5809, 0.3300, 0.2633



35.5809, 0.3876, 0.2995

Triad

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



35.5809, 0.3300, 0.2633



35.5809, 0.3967, 0.4243



35.5809, 0.2125, 0.2978

Complementary

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



35.5809, 0.3300, 0.2633



52.4288, 0.2993, 0.4052

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.



35.5809, 0.2400, 0.3561



35.5809, 0.3300, 0.2633



35.5809, 0.3454, 0.4360

Square

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



35.5809, 0.3300, 0.2633



35.5809, 0.4268, 0.3885



35.5809, 0.2880, 0.4109



35.5809, 0.2093, 0.2564

Rectangle

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



35.5809, 0.3300, 0.2633



35.5809, 0.4155, 0.3285



35.5809, 0.2880, 0.4109



35.5809, 0.2190, 0.3160

Sweetspot

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



35.5825, 0.3300, 0.2633



84.4613, 0.3172, 0.3093



29.7035, 0.2658, 0.2352



17.6469, 0.3179, 0.3065



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.



35.5825, 0.3300, 0.2633



50.8537, 0.3344, 0.2502



34.2503, 0.3654, 0.3033



11.9655, 0.3169, 0.3107



10.0667, 0.3807, 0.1871



0.5737, 0.3677, 0.1799

Inverse Universe

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



35.5825, 0.3300, 0.2633



50.8537, 0.3344, 0.2502



53.6991, 0.2783, 0.3567



11.9655, 0.3169, 0.3107



10.0667, 0.3807, 0.1871



0.5737, 0.3677, 0.1799

Previews

White Background



This preview shows how the Yxy color 35.5809, 0.3300, 0.2633 looks on a white background.

Color Contrast Check

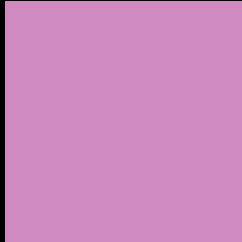
Large Text (above 18pt) WCAG AA × Fail

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 35.5809, 0.3300, 0.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

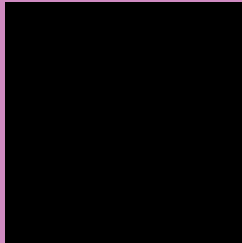
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5809, 0.3300, 0.2633

Background



This preview shows how black text looks on a background with the Yxy color 35.5809, 0.3300, 0.2633.



This preview shows how white text looks on a background with the Yxy color 35.5809, 0.3300, 0.2633.

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

35.5809, 0.3300, 0.2633

Protanopia

36.0362, 0.2657, 0.2643

Deuteranopia

35.6182, 0.2899, 0.2833



Tritanopia

35.6886, 0.3618, 0.3150

Trichromacy



Original Color

35.5809, 0.3300, 0.2633

Protanomaly

35.2668, 0.2862, 0.2624

Deuteranomaly

35.1580, 0.3037, 0.2745

Tritanomaly

35.3846, 0.3498, 0.2948

Monochromacy



Original Color

35.5809, 0.3300, 0.2633

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.5754, 0.3188, 0.3032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5809, 0.3300, 0.2633 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(207, 139, 193)` looks like.

```
.text, #text, p{  
    color:rgb(207, 139, 193)  
}
```

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(207, 139, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 139, 193) }
```

Border

The CSS property to change the border of an element to Yxy 35.5809, 0.3300, 0.2633 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(207, 139, 193) }
```

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

```
.border{ border-color:rgb(207, 139, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 139, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 139, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 139, 193);  
box-shadow:4px 4px 4px 4px rgb(207, 139,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5809, 0.3300, 0.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 139, 193) }
```

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

```
.background{ background-color: rgb(207,  
139, 193) }
```

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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