

Converting Colors

$Y_{xy}(35.1497, 0.33380, 0.2776)$

Have a look what the booklet for
Yxy(35.1497, 0.3380, 0.2776)
contains.

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Color

Yxy(35.2645, 0.3377, 0.2778)

Conversions

Conversions Part 1

Format	Color
Hex	CC8DB6
RGB	204, 141, 182
RGB Percent	80%, 55%, 71%
CMY	0.2001, 0.4470, 0.2862
CMYK	0.00, 0.31, 0.11, 0.20
HSL	321°, 38%, 68%
HSV	321°, 31%, 80%
XYZ	42.8683, 35.2645, 48.8092
YIQ	164.5110, 24.3870, 26.1070

Conversions

Conversions Part 2

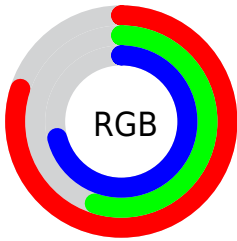
Format	Color
R_{YB}	204, 141, 182
Decimal	13405622
CIE _{Lab}	65.95, 30.19, -11.77
CIE _{LCh}	66, 32.406, 338.711
Yxy	35.2645, 0.3377, 0.2778
Android (android.graphics.Color)	4291595702 (0xFFCC8DB6)
YUV	164.5110, 8.6221, 34.6319
Hunter-Lab	59.3839, 24.9345, -7.1633

Details

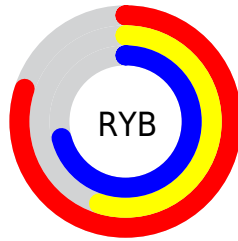
The Yxy color **35.2645, 0.3377, 0.2778** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.4871, 0.2942, 0.3866**, and the grayscale version is **37.3309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4633, 0.3279, 0.2860**, and **15.2869, 0.3453, 0.2637** is the 20% darker color. If you saturate the color by 10%, you get **29.5069, 0.3487, 0.2610**, and if you desaturate by 10%, it is **42.1481, 0.3282, 0.2949**.

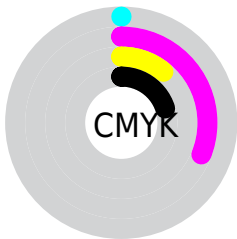
Distribution



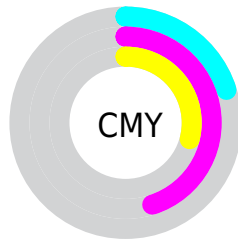
- Red (80%)
- Green (55%)
- Blue (71%)



- Red (80%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (31%)
- Yellow (11%)
- Black (20%)




- Cyan (20%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.2645, 0.3377, 0.2778 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 35.2645, 0.3377, 0.2778 by changing the saturation by 10% instead.


 35.2645, 0.3377,
0.2778


 35.2645, 0.3377,
0.2778


325.7343, 0.3252,
0.3035


 23.8667, 0.3408,
0.2714


 67.8953, 0.3331,
0.2871

 15.2348, 0.3449,
0.2631


 89.8971, 0.3314,
0.2906

 8.9843, 0.3503,
0.2522


 116.2024, 0.3300,
0.2936

 4.7310, 0.3578,
0.2369

147.1955, 0.3287,
0.2962

 2.0903, 0.3690,
0.2142

183.2608, 0.3277,
0.2984

 0.6592, 0.3891,
0.1734

224.7828, 0.3267,

 0.0000, 0.4818,

0.3003

0.0000

272.1458, 0.3259,
0.3020

0.0000, 0.0000,
0.0000

35.2645, 0.3377,
0.2778

35.2645, 0.3377,
0.2778

29.5069, 0.3487,
0.2610

42.1481, 0.3282,
0.2949

24.8095, 0.3611,
0.2453

50.2094, 0.3201,
0.3116

21.1068, 0.3749,
0.2317


59.5026, 0.3133,
0.3276

18.3241, 0.3898,
0.2213


70.0772, 0.3075,
0.3428

16.3761, 0.4052,
0.2151

81.9799, 0.3027,
0.3568


 15.1614, 0.4206,
0.2139

 89.7765, 0.2987,
0.3614

 14.5237, 0.4344,
0.2167

 90.1725, 0.2949,
0.3536

 90.5849, 0.2911,
0.3459

 91.0139, 0.2873,
0.3383

Harmonies

Analogous

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



35.2645, 0.2875, 0.2559



35.2645, 0.3377, 0.2778



35.2645, 0.3839, 0.3113

Triad

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



35.2645, 0.3377, 0.2778



35.2645, 0.3774, 0.4141



35.2645, 0.2245, 0.2951

Complementary

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



35.2645, 0.3377, 0.2778



51.4871, 0.2942, 0.3866

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.



35.2645, 0.2447, 0.3424



35.2645, 0.3377, 0.2778



35.2645, 0.3319, 0.4169

Square

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



35.2645, 0.3377, 0.2778



35.2645, 0.4068, 0.3879



35.2645, 0.2833, 0.3897



35.2645, 0.2256, 0.2628

Rectangle

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



35.2645, 0.3377, 0.2778



35.2645, 0.4042, 0.3372



35.2645, 0.2833, 0.3897



35.2645, 0.2289, 0.3097

Sweetspot

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



35.2661, 0.3377, 0.2778



85.7163, 0.3188, 0.3145



31.0933, 0.2767, 0.2435



17.8873, 0.3199, 0.3121



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.



35.2661, 0.3377, 0.2778



51.9057, 0.3448, 0.2666



34.1391, 0.3703, 0.3156



11.3347, 0.3190, 0.3140



9.1609, 0.4324, 0.2156



0.4866, 0.4052, 0.2006

Inverse Universe

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



35.2661, 0.3377, 0.2778



51.9057, 0.3448, 0.2666



52.7154, 0.2750, 0.3431



11.3347, 0.3190, 0.3140



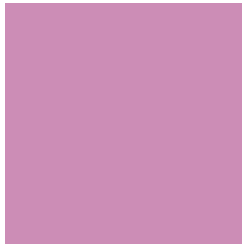
9.1609, 0.4324, 0.2156



0.4866, 0.4052, 0.2006

Previews

White Background



This preview shows how the Yxy color 35.2645, 0.3377, 0.2778 looks on a white background.

Color Contrast Check

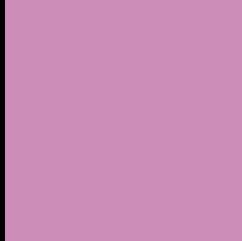
Large Text (above 18pt) WCAG AA × Fail

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 35.2645, 0.3377, 0.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

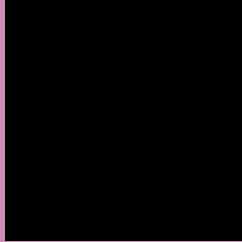
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2645, 0.3377, 0.2778

Background



This preview shows how black text looks on a background with the Yxy color 35.2645, 0.3377, 0.2778.



This preview shows how white text looks on a background with the Yxy color 35.2645, 0.3377, 0.2778.

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

35.2645, 0.3377, 0.2778

Protanopia

35.4636, 0.2783, 0.2798

Deuteranopia

35.3564, 0.3037, 0.2969



Tritanopia

35.4096, 0.3597, 0.3149

Trichromacy



Original Color

35.2645, 0.3377, 0.2778

Protanomaly

34.9448, 0.2980, 0.2774

Deuteranomaly

35.2523, 0.3155, 0.2900

Tritanomaly

35.2562, 0.3517, 0.3009

Monochromacy



Original Color

35.2645, 0.3377, 0.2778

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.3009, 0.3215, 0.3085

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2645, 0.3377, 0.2778 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(204, 141, 182)` looks like.

```
.text, #text, p{  
    color:rgb(204, 141, 182)  
}
```

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(204, 141, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 141, 182) }
```

Border

The CSS property to change the border of an element to Yxy 35.2645, 0.3377, 0.2778 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(204, 141, 182) }
```

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

```
.border{ border-color:rgb(204, 141, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 141, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 141, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 141, 182);  
box-shadow:4px 4px 4px 4px rgb(204, 141,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2645, 0.3377, 0.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 141, 182) }
```

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

```
.background{ background-color: rgb(204,  
141, 182) }
```

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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