

Converting Colors

$Y_{xy}(35.5955, 0.3234, 0.2763)$

Have a look what the booklet for
Yxy(35.5955, 0.3234, 0.2763)
contains.

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Color

Yxy(35.7477, 0.3231, 0.2767)

Conversions

Conversions Part 1

Format	Color
Hex	C392BB
RGB	195, 146, 187
RGB Percent	76%, 57%, 73%
CMY	0.2355, 0.4273, 0.2667
CMYK	0.00, 0.25, 0.04, 0.24
HSL	310°, 29%, 67%
HSV	310°, 25%, 76%
XYZ	41.7423, 35.7477, 51.7030
YIQ	165.3250, 16.0430, 23.1390

Conversions

Conversions Part 2

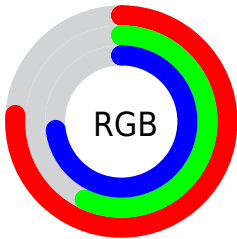
Format	Color
R _Y B	195, 146, 187
Decimal	12817083
CIE Lab	66.33, 25.20, -14.09
CIE LCh	66, 28.872, 330.790
Yxy	35.7477, 0.3231, 0.2767
Android (android.graphics.Color)	4291007163 (0xFFC392BB)
YUV	165.3250, 10.6858, 26.0250
Hunter-Lab	59.7894, 19.9893, -9.4186

Details

The Yxy color **35.7477, 0.3231, 0.2767** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.4533, 0.3038, 0.3876**, and the grayscale version is **37.7323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4751, 0.3215, 0.2860**, and **15.5684, 0.3258, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **30.1068, 0.3282, 0.2556**, and if you desaturate by 10%, it is **42.4197, 0.3185, 0.2979**.

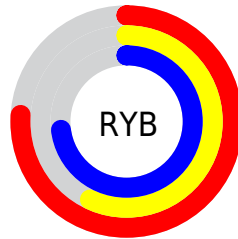
Distribution



Red (76%)

Green (57%)

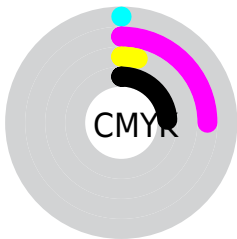
Blue (73%)



Red (76%)

Yellow (57%)

Blue (73%)

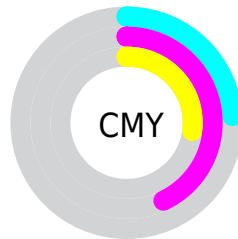


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (43%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.7477, 0.3231, 0.2767 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 35.7477, 0.3231, 0.2767 by changing the saturation by 10% instead.


 35.7477, 0.3231,
0.2767


 35.7477, 0.3231,
0.2767


327.8564, 0.3182,
0.3029

 24.2394, 0.3242,
0.2702


 68.6425, 0.3214,
0.2862

 15.5113, 0.3256,
0.2618


 90.7977, 0.3207,
0.2898

 9.1790, 0.3274,
0.2507


117.2708, 0.3201,
0.2928

 4.8581, 0.3297,
0.2353

148.4460, 0.3196,
0.2954

 2.1643, 0.3326,
0.2125

184.7078, 0.3192,
0.2976

 0.7004, 0.3370,
0.1733

226.4405, 0.3188,

 0.0000, 0.2966,

0.2996

0.0000

274.0286, 0.3185,
0.3013

0.0000, 0.0000,
0.0000

35.7477, 0.3231,
0.2767

35.7477, 0.3231,
0.2767

30.1068, 0.3282,
0.2556

42.4197, 0.3185,
0.2979

25.4401, 0.3338,
0.2355

50.1663, 0.3145,
0.3187

21.6929, 0.3398,
0.2172

59.0344, 0.3111,
0.3386

18.8026, 0.3460,
0.2018

69.0665, 0.3081,
0.3574

16.6993, 0.3523,
0.1902

80.3032, 0.3056,
0.3749

■ 15.3016, 0.3584,
0.1829

■ 87.5727, 0.3035,
0.3830

■ 14.5107, 0.3643,
0.1800

■ 87.7286, 0.3018,
0.3794

■ 14.2467, 0.3671,
0.1796

■ 87.8876, 0.3001,
0.3758

■ 88.0498, 0.2984,
0.3722

Harmonies

Analogous

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



35.7477, 0.2798, 0.2605



35.7477, 0.3231, 0.2767



35.7477, 0.3662, 0.3047

Triad

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



35.7477, 0.3231, 0.2767



35.7477, 0.3793, 0.4004



35.7477, 0.2367, 0.3096

Complementary

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



35.7477, 0.3231, 0.2767



47.4533, 0.3038, 0.3876

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.



35.7477, 0.2599, 0.3527



35.7477, 0.3231, 0.2767



35.7477, 0.3417, 0.4084

Square

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



35.7477, 0.3231, 0.2767



35.7477, 0.3995, 0.3740



35.7477, 0.2979, 0.3910



35.7477, 0.2325, 0.2763

Rectangle

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



35.7477, 0.3231, 0.2767



35.7477, 0.3878, 0.3275



35.7477, 0.2979, 0.3910



35.7477, 0.2425, 0.3234

Sweetspot

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



35.7493, 0.3231, 0.2767



85.4855, 0.3157, 0.3125



31.3130, 0.2766, 0.2598



18.2466, 0.3163, 0.3093



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.



35.7493, 0.3231, 0.2767



58.4096, 0.3258, 0.2653



34.8120, 0.3469, 0.3065



10.2184, 0.3162, 0.3099



9.2757, 0.3664, 0.1792



0.4085, 0.3546, 0.1727

Inverse Universe

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



35.7493, 0.3231, 0.2767



58.4096, 0.3258, 0.2653



48.3278, 0.2875, 0.3528



10.2184, 0.3162, 0.3099



9.2757, 0.3664, 0.1792



0.4085, 0.3546, 0.1727

Previews

White Background



This preview shows how the Yxy color 35.7477, 0.3231, 0.2767 looks on a white background.

Color Contrast Check

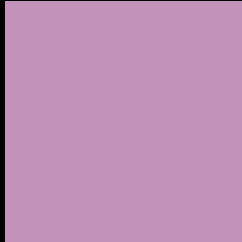
Large Text (above 18pt) WCAG AA × Fail

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 35.7477, 0.3231, 0.2767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

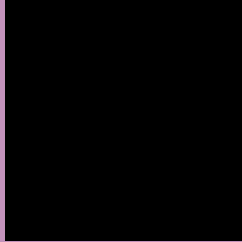
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7477, 0.3231, 0.2767

Background



This preview shows how black text looks on a background with the Yxy color 35.7477, 0.3231, 0.2767.



This preview shows how white text looks on a background with the Yxy color 35.7477, 0.3231, 0.2767.

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

35.7477, 0.3231, 0.2767

Protanopia

35.8994, 0.2769, 0.2786

Deuteranopia

35.7237, 0.2968, 0.2901



Tritanopia

35.9483, 0.3440, 0.3144

Trichromacy



Original Color

35.7477, 0.3231, 0.2767

Protanomaly

35.6178, 0.2919, 0.2773

Deuteranomaly

35.6747, 0.3062, 0.2845

Tritanomaly

35.7726, 0.3364, 0.3001

Monochromacy



Original Color

35.7477, 0.3231, 0.2767

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.7010, 0.3166, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7477, 0.3231, 0.2767 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(195, 146, 187)` looks like.

```
.text, #text, p{  
    color:rgb(195, 146, 187)  
}
```

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(195, 146, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 146, 187) }
```

Border

The CSS property to change the border of an element to Yxy 35.7477, 0.3231, 0.2767 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(195, 146, 187) }
```

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

```
.border{ border-color:rgb(195, 146, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 146, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 146, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 146, 187);  
box-shadow:4px 4px 4px 4px rgb(195, 146,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7477, 0.3231, 0.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 146, 187) }
```

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

```
.background{ background-color: rgb(195,  
146, 187) }
```

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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