

Converting Colors

$Y_{xy}(32.5734, 0.3502, 0.2869)$

Have a look what the booklet for
Yxy(32.5734, 0.3502, 0.2869)
contains.

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Color

Yxy(32.5726, 0.3504, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	C987A8
RGB	201, 135, 168
RGB Percent	79%, 53%, 66%
CMY	0.2119, 0.4705, 0.3412
CMYK	0.00, 0.33, 0.16, 0.21
HSL	330°, 38%, 66%
HSV	330°, 33%, 79%
XYZ	39.8097, 32.5726, 41.2298
YIQ	158.4960, 28.7430, 24.2550

Conversions

Conversions Part 2

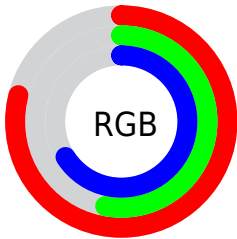
Format	Color
R_{YB}	201, 135, 168
Decimal	13207464
CIE _{Lab}	63.81, 30.08, -7.08
CIE _{LCh}	64, 30.899, 346.747
Yxy	32.5726, 0.3504, 0.2867
Android (android.graphics.Color)	4291397544 (0xFFC987A8)
YUV	158.4960, 4.6855, 37.2760
Hunter-Lab	57.0724, 24.6323, -2.8812

Details

The Yxy color $32.5726, 0.3504, 0.2867$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $49.7332, 0.2867, 0.3759$, and the grayscale version is $34.3982, 0.3127, 0.3290$.

A 20% lighter version of the original color is $62.9829, 0.3402, 0.2945$, and $13.7126, 0.3628, 0.2737$ is the 20% darker color. If you saturate the color by 10%, you get $27.1242, 0.3668, 0.2736$, and if you desaturate by 10%, it is $39.1113, 0.3365, 0.3001$.

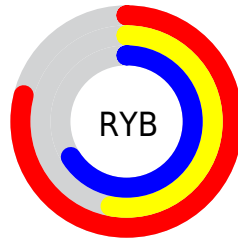
Distribution



Red (79%)

Green (53%)

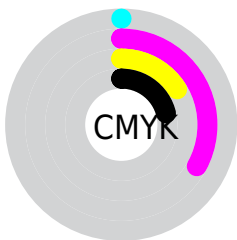
Blue (66%)



Red (79%)

Yellow (53%)

Blue (66%)

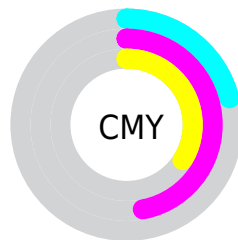


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (21%)



Cyan (21%)


Magenta (47%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5726, 0.3504, 0.2867 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 32.5726, 0.3504, 0.2867 by changing the saturation by 10% instead.


 32.5726, 0.3504,
0.2867


 32.5726, 0.3504,
0.2867


313.7194, 0.3308,
0.3084


 21.7992, 0.3556,
0.2811


 63.7077, 0.3431,
0.2947

 13.7095, 0.3623,
0.2738

 84.8382, 0.3404,
0.2977

 7.9189, 0.3717,
0.2639

 110.1898, 0.3381,
0.3002

 4.0431, 0.3853,
0.2497

140.1471, 0.3362,
0.3023

 1.6977, 0.4069,
0.2278

175.0942, 0.3346,
0.3042

 0.4222, 0.4596,
0.1657

215.4158, 0.3332,

 0.0000, 1.0000,

0.3058

0.0000

261.4960, 0.3319,
0.3072

■ 0.0000, 0.0000,
0.0000

■ 32.5726, 0.3504,
0.2867

■ 32.5726, 0.3504,
0.2867

■ 27.1242, 0.3668,
0.2736

■ 39.1113, 0.3365,
0.3001

■ 22.7013, 0.3859,
0.2616

■ 46.7915, 0.3248,
0.3131

■ 19.2391, 0.4075,
0.2517


■ 55.6665, 0.3151,
0.3256


■ 16.6635, 0.4310,
0.2451


■ 65.7850, 0.3071,
0.3373


■ 14.8893, 0.4557,
0.2430

■ 77.1927, 0.3005,
0.3482


 13.8143, 0.4801,
0.2463

 89.5485, 0.2950,
0.3576

 13.3408, 0.4972,
0.2512

 90.1239, 0.2897,
0.3466

 90.7322, 0.2844,
0.3359

 91.1515, 0.2810,
0.3289

Harmonies

Analogous

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



32.5726, 0.3007, 0.2616



32.5726, 0.3504, 0.2867



32.5726, 0.3917, 0.3217

Triad

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



32.5726, 0.3504, 0.2867



32.5726, 0.3653, 0.4158



32.5726, 0.2244, 0.2857

Complementary

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



32.5726, 0.3504, 0.2867



49.7332, 0.2867, 0.3759

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.



32.5726, 0.2387, 0.3290



32.5726, 0.3504, 0.2867



32.5726, 0.3186, 0.4106

Square

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



32.5726, 0.3504, 0.2867



32.5726, 0.3994, 0.3953



32.5726, 0.2724, 0.3771



32.5726, 0.2311, 0.2589

Rectangle

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



32.5726, 0.3504, 0.2867



32.5726, 0.4069, 0.3476



32.5726, 0.2724, 0.3771



32.5726, 0.2268, 0.2986

Sweetspot

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



32.5741, 0.3504, 0.2867



84.0015, 0.3220, 0.3165



29.8748, 0.2843, 0.2402



17.5355, 0.3235, 0.3147



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.



32.5741, 0.3504, 0.2867



49.3071, 0.3612, 0.2778



31.4974, 0.3880, 0.3292



10.7239, 0.3213, 0.3175



8.4107, 0.4940, 0.2495



0.4129, 0.4484, 0.2244

Inverse Universe

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



32.5741, 0.3504, 0.2867



49.3071, 0.3612, 0.2778



51.1212, 0.2664, 0.3289



10.7239, 0.3213, 0.3175



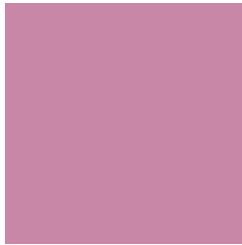
8.4107, 0.4940, 0.2495



0.4129, 0.4484, 0.2244

Previews

White Background



This preview shows how the Yxy color 32.5726, 0.3504, 0.2867 looks on a white background.

Color Contrast Check

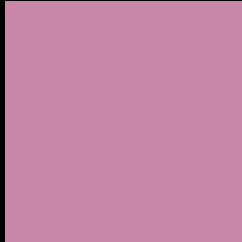
Large Text (above 18pt) WCAG AA × Fail

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 32.5726, 0.3504, 0.2867 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 32.5726, 0.3504, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 32.5726, 0.3504, 0.2867.



This preview shows how white text looks on a background with the Yxy color 32.5726, 0.3504, 0.2867.

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

32.5726, 0.3504, 0.2867

Protanopia

32.8905, 0.2863, 0.2908

Deuteranopia

32.5286, 0.3137, 0.3073



Tritanopia

32.4890, 0.3687, 0.3147

Trichromacy



Original Color

32.5726, 0.3504, 0.2867

Protanomaly

32.4370, 0.3076, 0.2881

Deuteranomaly

32.4689, 0.3265, 0.2998

Tritanomaly

32.5710, 0.3622, 0.3043

Monochromacy



Original Color

32.5726, 0.3504, 0.2867

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.4200, 0.3257, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5726, 0.3504, 0.2867 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(201, 135, 168)` looks like.

```
.text, #text, p{  
    color:rgb(201, 135, 168)  
}
```

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(201, 135, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 135, 168) }
```

Border

The CSS property to change the border of an element to Yxy 32.5726, 0.3504, 0.2867 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(201, 135, 168) }
```

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

```
.border{ border-color:rgb(201, 135, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 135, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 135, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 135, 168);  
box-shadow:4px 4px 4px 4px rgb(201, 135,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5726, 0.3504, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 135, 168) }
```

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

```
.background{ background-color: rgb(201,  
135, 168) }
```

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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