

Converting Colors

$Yxy(33.7716, 0.3472, 0.2911)$

Have a look what the booklet for
Yxy(33.7716, 0.3472, 0.2911)
contains.

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Color

Yxy(33.9001, 0.3473, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	C88CA9
RGB	200, 140, 169
RGB Percent	78%, 55%, 66%
CMY	0.2156, 0.4510, 0.3372
CMYK	0.00, 0.30, 0.16, 0.22
HSL	331°, 35%, 67%
HSV	331°, 30%, 78%
XYZ	40.3617, 33.9001, 41.9538
YIQ	161.2460, 26.4510, 21.7390

Conversions

Conversions Part 2

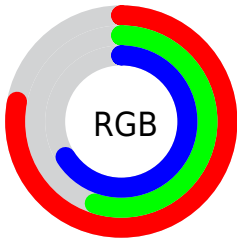
Format	Color
R _Y B	200, 140, 169
Decimal	13143209
CIE Lab	64.88, 27.19, -6.08
CIE LCh	65, 27.858, 347.391
Yxy	33.9001, 0.3473, 0.2917
Android (android.graphics.Color)	4291333289 (0xFFC88CA9)
YUV	161.2460, 3.8227, 33.9873
Hunter-Lab	58.2238, 21.8475, -1.9655

Details

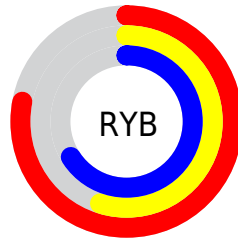
The Yxy color **33.9001, 0.3473, 0.2917** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.8306, 0.2881, 0.3698**, and the grayscale version is **35.7347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2254, 0.3387, 0.2986**, and **14.4489, 0.3581, 0.2803** is the 20% darker color. If you saturate the color by 10%, you get **28.2052, 0.3636, 0.2789**, and if you desaturate by 10%, it is **40.6911, 0.3336, 0.3046**.

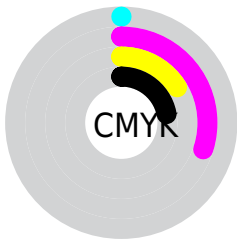
Distribution



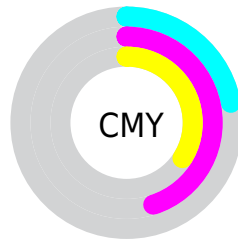
- Red (78%)
- Green (55%)
- Blue (66%)



- Red (78%)
- Yellow (55%)
- Blue (66%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (22%)




- Cyan (22%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9001, 0.3473, 0.2917 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 33.9001, 0.3473, 0.2917 by changing the saturation by 10% instead.


 33.9001, 0.3473,
0.2917


 33.9001, 0.3473,
0.2917


319.6864, 0.3294,
0.3108


 22.8169, 0.3520,
0.2868


 65.7783, 0.3406,
0.2988

 14.4583, 0.3582,
0.2804


 87.3420, 0.3382,
0.3014

 8.4401, 0.3666,
0.2717


 113.1681, 0.3361,
0.3036

 4.3778, 0.3789,
0.2592

143.6408, 0.3343,
0.3055

 1.8871, 0.3984,
0.2400

179.1446, 0.3328,
0.3071

 0.5406, 0.4404,
0.1945

220.0638, 0.3315,

 0.0000, 1.0000,

0.3085

0.0000

266.7830, 0.3304,
0.3097

■ 0.0000, 0.0000,
0.0000

■ 33.9001, 0.3473,
0.2917

■ 33.9001, 0.3473,
0.2917

■ 28.2052, 0.3636,
0.2789

■ 40.6911, 0.3336,
0.3046

■ 23.5435, 0.3826,
0.2669

■ 48.6276, 0.3222,
0.3171

■ 19.8527, 0.4043,
0.2566

■ 57.7614, 0.3127,
0.3290


■ 17.0619, 0.4284,
0.2493


■ 68.1398, 0.3049,
0.3401

■ 15.0904, 0.4538,
0.2462

■ 79.8076, 0.2985,
0.3503

 13.8427, 0.4795,
0.2483

 89.5713, 0.2930,
0.3546

 13.1381, 0.5042,
0.2551

 90.1727, 0.2876,
0.3434

 90.8092, 0.2822,
0.3324

 91.0212, 0.2805,
0.3289

Harmonies

Analogous

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



33.9001, 0.3032, 0.2687



33.9001, 0.3473, 0.2917



33.9001, 0.3834, 0.3236

Triad

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



33.9001, 0.3473, 0.2917



33.9001, 0.3592, 0.4063



33.9001, 0.2333, 0.2901

Complementary

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



33.9001, 0.3473, 0.2917



49.8306, 0.2881, 0.3698

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.



33.9001, 0.2460, 0.3284



33.9001, 0.3473, 0.2917



33.9001, 0.3174, 0.4005

Square

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



33.9001, 0.3473, 0.2917



33.9001, 0.3896, 0.3892



33.9001, 0.2762, 0.3707



33.9001, 0.2398, 0.2660

Rectangle

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



33.9001, 0.3473, 0.2917



33.9001, 0.3967, 0.3470



33.9001, 0.2762, 0.3707



33.9001, 0.2354, 0.3016

Sweetspot

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



33.9017, 0.3473, 0.2917



85.4810, 0.3213, 0.3182



31.5851, 0.2882, 0.2487



17.8293, 0.3228, 0.3164



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.



33.9017, 0.3473, 0.2917



52.0583, 0.3576, 0.2833



33.2240, 0.3788, 0.3305



10.7209, 0.3215, 0.3179



8.3704, 0.5010, 0.2533



0.4110, 0.4537, 0.2273

Inverse Universe

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



33.9017, 0.3473, 0.2917



52.0583, 0.3576, 0.2833



50.5989, 0.2697, 0.3275



10.7209, 0.3215, 0.3179



8.3704, 0.5010, 0.2533



0.4110, 0.4537, 0.2273

Previews

White Background



This preview shows how the Yxy color 33.9001, 0.3473, 0.2917 looks on a white background.

Color Contrast Check

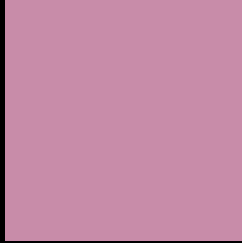
Large Text (above 18pt) WCAG AA × Fail

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 33.9001, 0.3473, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

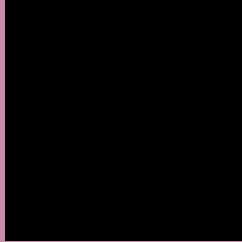
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9001, 0.3473, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 33.9001, 0.3473, 0.2917.



This preview shows how white text looks on a background with the Yxy color 33.9001, 0.3473, 0.2917.

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

33.9001, 0.3473, 0.2917

Protanopia

34.2386, 0.2909, 0.2971

Deuteranopia

34.0075, 0.3156, 0.3091



Tritanopia

33.9838, 0.3606, 0.3146

Trichromacy



Original Color

33.9001, 0.3473, 0.2917

Protanomaly

33.8863, 0.3103, 0.2954

Deuteranomaly

33.7103, 0.3262, 0.3015

Tritanomaly

33.9913, 0.3565, 0.3069

Monochromacy



Original Color

33.9001, 0.3473, 0.2917

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.5768, 0.3244, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9001, 0.3473, 0.2917 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(200, 140, 169)` looks like.

```
.text, #text, p{  
    color:rgb(200, 140, 169)  
}
```

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(200, 140, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 140, 169) }
```

Border

The CSS property to change the border of an element to Yxy 33.9001, 0.3473, 0.2917 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(200, 140, 169) }
```

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

```
.border{ border-color:rgb(200, 140, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 140, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 140, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 140, 169);  
box-shadow:4px 4px 4px 4px rgb(200, 140,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9001, 0.3473, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 140, 169) }
```

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

```
.background{ background-color: rgb(200,  
140, 169) }
```

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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