

Converting Colors

$Yxy(36.2489, 0.3436, 0.2980)$

Have a look what the booklet for
Yxy(36.2489, 0.3436, 0.2980)
contains.

Yxy(36.1254, 0.3428, 0.2970)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.1254, 0.3428, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	C893AC
RGB	200, 147, 172
RGB Percent	78%, 58%, 67%
CMY	0.2158, 0.4235, 0.3254
CMYK	0.00, 0.26, 0.14, 0.22
HSL	332°, 32%, 68%
HSV	332°, 26%, 78%
XYZ	41.6963, 36.1254, 43.8127
YIQ	165.6970, 23.5630, 19.0110

Conversions

Conversions Part 2

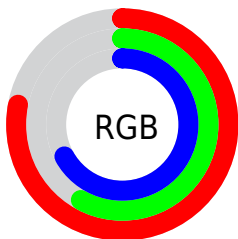
Format	Color
R_{YB}	200, 147, 172
Decimal	13145004
CIE _{Lab}	66.62, 23.82, -5.21
CIE _{LCh}	67, 24.380, 347.654
Yxy	36.1254, 0.3428, 0.2970
Android (android.graphics.Color)	4291335084 (0xFFC893AC)
YUV	165.6970, 3.1074, 30.0837
Hunter-Lab	60.1044, 18.6482, -1.1459

Details

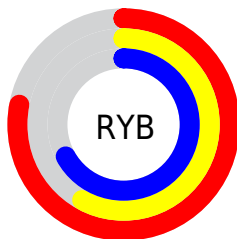
The Yxy color **36.1254, 0.3428, 0.2970** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.5969, 0.2904, 0.3635**, and the grayscale version is **37.9564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5793, 0.3355, 0.3028**, and **15.7416, 0.3514, 0.2873** is the 20% darker color. If you saturate the color by 10%, you get **30.0485, 0.3585, 0.2844**, and if you desaturate by 10%, it is **43.3190, 0.3297, 0.3095**.

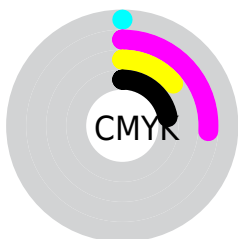
Distribution



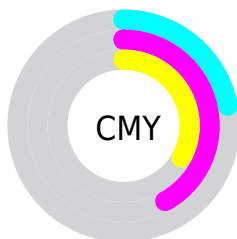
- Red (78%)
- Green (58%)
- Blue (67%)



- Red (78%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (14%)
- Black (22%)



- Cyan (22%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1254, 0.3428, 0.2970 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 36.1254, 0.3428, 0.2970 by changing the saturation by 10% instead.


 36.1254, 0.3428,
0.2970

 36.1254, 0.3428,
0.2970


329.5083, 0.3273,
0.3133

 24.5311, 0.3468,
0.2928


 69.2256, 0.3371,
0.3030

 15.7280, 0.3521,
0.2874


 91.5002, 0.3349,
0.3052

 9.3319, 0.3592,
0.2801


118.1037, 0.3332,
0.3071

 4.9583, 0.3696,
0.2697

149.4205, 0.3316,
0.3087

 2.2228, 0.3857,
0.2538

185.8349, 0.3303,
0.3101

 0.7324, 0.4156,
0.2243

227.7315, 0.3292,

 0.0000, 1.0000,


0.3113


0.0000


275.4945, 0.3282,
0.3124

 0.0000, 0.0000,
0.0000


 36.1254, 0.3428,
0.2970


 36.1254, 0.3428,
0.2970


 30.0485, 0.3585,
0.2844


 43.3190, 0.3297,
0.3095

 25.0265, 0.3770,
0.2723


 51.6768, 0.3188,
0.3216

 20.9995, 0.3983,
0.2615

 61.2499, 0.3097,
0.3329

 17.8992, 0.4222,
0.2533

 72.0845, 0.3023,
0.3434

 15.6487, 0.4480,
0.2489

 84.2247, 0.2962,
0.3532

■ 14.1585, 0.4745,
0.2493

■ 89.8154, 0.2907,
0.3499

■ 13.3129, 0.5001,
0.2551

■ 90.4452, 0.2852,
0.3385

■ 13.0918, 0.5090,
0.2577

■ 91.0164, 0.2805,
0.3289

Harmonies

Analogous

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



36.1254, 0.3051, 0.2768



36.1254, 0.3428, 0.2970



36.1254, 0.3734, 0.3250

Triad

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



36.1254, 0.3428, 0.2970



36.1254, 0.3527, 0.3951



36.1254, 0.2440, 0.2957

Complementary

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



36.1254, 0.3428, 0.2970



50.5969, 0.2904, 0.3635

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.



36.1254, 0.2551, 0.3286



36.1254, 0.3428, 0.2970



36.1254, 0.3168, 0.3895

Square

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



36.1254, 0.3428, 0.2970



36.1254, 0.3787, 0.3814



36.1254, 0.2812, 0.3642



36.1254, 0.2498, 0.2747

Rectangle

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



36.1254, 0.3428, 0.2970



36.1254, 0.3846, 0.3454



36.1254, 0.2812, 0.3642



36.1254, 0.2458, 0.3057

Sweetspot

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



36.1270, 0.3428, 0.2970



86.9935, 0.3204, 0.3196



34.0828, 0.2916, 0.2589



18.1299, 0.3220, 0.3178



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.



36.1270, 0.3428, 0.2970



56.0503, 0.3518, 0.2894



35.5305, 0.3687, 0.3303



10.7189, 0.3217, 0.3181



8.3441, 0.5057, 0.2559



0.4097, 0.4572, 0.2292

Inverse Universe

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



36.1270, 0.3428, 0.2970



56.0503, 0.3518, 0.2894



51.2641, 0.2743, 0.3277



10.7189, 0.3217, 0.3181



8.3441, 0.5057, 0.2559



0.4097, 0.4572, 0.2292

Previews

White Background



This preview shows how the Yxy color 36.1254, 0.3428, 0.2970 looks on a white background.

Color Contrast Check

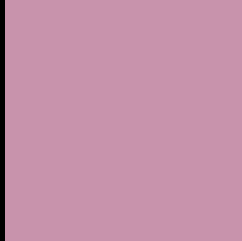
Large Text (above 18pt) WCAG AA × Fail

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 36.1254, 0.3428, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

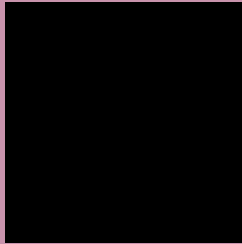
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1254, 0.3428, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 36.1254, 0.3428, 0.2970.



This preview shows how white text looks on a background with the Yxy color 36.1254, 0.3428, 0.2970.

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

36.1254, 0.3428, 0.2970

Protanopia

36.2995, 0.2947, 0.3007

Deuteranopia

36.1302, 0.3184, 0.3110



Tritanopia

36.1751, 0.3537, 0.3148

Trichromacy



Original Color

36.1254, 0.3428, 0.2970

Protanomaly

36.1052, 0.3112, 0.2988

Deuteranomaly

35.9131, 0.3268, 0.3047

Tritanomaly

36.0023, 0.3498, 0.3083

Monochromacy



Original Color

36.1254, 0.3428, 0.2970

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.0884, 0.3230, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1254, 0.3428, 0.2970 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, 147, 172)` looks like.

```
.text, #text, p{  
    color:rgb(200, 147, 172)  
}
```

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, 147, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 147, 172) }
```

Border

The CSS property to change the border of an element to Yxy 36.1254, 0.3428, 0.2970 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, 147, 172) }
```

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

```
.border{ border-color:rgb(200, 147, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 147, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 147, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 147, 172);  
box-shadow:4px 4px 4px 4px rgb(200, 147,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1254, 0.3428, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 147, 172) }
```

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

```
.background{ background-color: rgb(200,  
147, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor