

Converting Colors

$Y_{xy}(34.7060, 0.3632, 0.3140)$

Have a look what the booklet for
Yxy(34.7060, 0.3632, 0.3140)
contains.

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Color

Yxy(34.8696, 0.3634, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	CA909B
RGB	202, 144, 155
RGB Percent	79%, 56%, 61%
CMY	0.2080, 0.4352, 0.3921
CMYK	0.00, 0.29, 0.23, 0.21
HSL	349°, 35%, 68%
HSV	349°, 29%, 79%
XYZ	40.2401, 34.8696, 35.6226
YIQ	162.5960, 31.0370, 15.7170

Conversions

Conversions Part 2

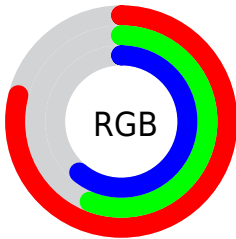
Format	Color
R_{YB}	202, 144, 155
Decimal	13275291
CIE _{Lab}	65.65, 23.52, 2.96
CIE _{LCh}	66, 23.701, 7.173
Yxy	34.8696, 0.3634, 0.3149
Android (android.graphics.Color)	4291465371 (0xFFCA909B)
YUV	162.5960, -3.7448, 34.5573
Hunter-Lab	59.0505, 18.3010, 5.5683

Details

The Yxy color **34.8696, 0.3634, 0.3149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.9166, 0.2782, 0.3438**, and the grayscale version is **36.4331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2516, 0.3499, 0.3178**, and **15.0312, 0.3803, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **28.7765, 0.3894, 0.3098**, and if you desaturate by 10%, it is **42.1349, 0.3422, 0.3200**.

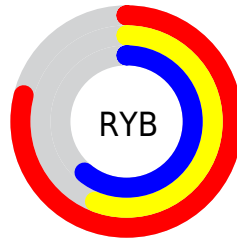
Distribution



Red (79%)

Green (56%)

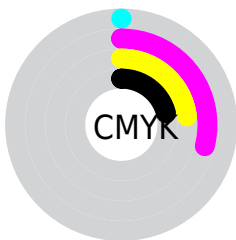
Blue (61%)



Red (79%)

Yellow (56%)

Blue (61%)

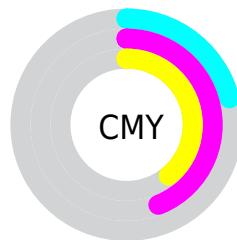


Cyan (0%)

Magenta (29%)

Yellow (23%)

Black (21%)



Cyan (21%)


Magenta (44%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8696, 0.3634, 0.3149 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 34.8696, 0.3634, 0.3149 by changing the saturation by 10% instead.

 34.8696, 0.3634,
0.3149


 34.8696, 0.3634,
0.3149


323.9924, 0.3367,
0.3225

 23.5624, 0.3705,
0.3128


 67.2837, 0.3534,
0.3178

 15.0094, 0.3800,
0.3100


 89.1594, 0.3497,
0.3189

 8.8260, 0.3930,
0.3060


115.3268, 0.3467,
0.3197

 4.6278, 0.4123,
0.2999

146.1703, 0.3441,
0.3205

 2.0306, 0.4436,
0.2896

182.0742, 0.3418,
0.3211

 0.6252, 0.5245,
0.2705

223.4229, 0.3399,


 0.0000, 1.0000,


0.3216

0.0000


270.6008, 0.3382,
0.3221

 0.0000, 0.0000,
0.0000

 34.8696, 0.3634,
0.3149

 34.8696, 0.3634,
0.3149

 28.7765, 0.3894,
0.3098


 42.1349, 0.3422,
0.3200

 23.7894, 0.4207,
0.3052


 50.6245, 0.3250,
0.3250

 19.8430, 0.4572,
0.3017

 60.3929, 0.3111,
0.3296

 16.8631, 0.4978,
0.3002

 71.4902, 0.2998,
0.3338

 14.7655, 0.5395,
0.3015

 83.9637, 0.2907,
0.3377

■ 13.4517, 0.5777,
0.3061

■ 91.1770, 0.2825,
0.3308

■ 12.7653, 0.6080,
0.3134

■ 91.2917, 0.2816,
0.3289

■ 12.6936, 0.6114,
0.3142

Harmonies

Analogous

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



34.8696, 0.3296, 0.2894



34.8696, 0.3634, 0.3149



34.8696, 0.3833, 0.3447

Triad

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



34.8696, 0.3634, 0.3149



34.8696, 0.3296, 0.3928



34.8696, 0.2469, 0.2812

Complementary

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



34.8696, 0.3634, 0.3149



51.9166, 0.2782, 0.3438

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.



34.8696, 0.2470, 0.3066



34.8696, 0.3634, 0.3149



34.8696, 0.2934, 0.3741

Square

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



34.8696, 0.3634, 0.3149



34.8696, 0.3626, 0.3912



34.8696, 0.2635, 0.3411



34.8696, 0.2630, 0.2699

Rectangle

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



34.8696, 0.3634, 0.3149



34.8696, 0.3852, 0.3640



34.8696, 0.2635, 0.3411



34.8696, 0.2450, 0.2882

Sweetspot

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



34.8712, 0.3634, 0.3149



85.0809, 0.3256, 0.3248



35.2110, 0.3049, 0.2559



17.7311, 0.3280, 0.3241



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.



34.8712, 0.3634, 0.3149



52.8679, 0.3778, 0.3119



40.1971, 0.3691, 0.3516



11.2478, 0.3261, 0.3246



8.1812, 0.6085, 0.3126



0.4327, 0.5551, 0.2832

Inverse Universe

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



34.8712, 0.3634, 0.3149



52.8679, 0.3778, 0.3119



44.7170, 0.2690, 0.3051



11.2478, 0.3261, 0.3246



8.1812, 0.6085, 0.3126



0.4327, 0.5551, 0.2832

Previews

White Background



This preview shows how the Yxy color 34.8696, 0.3634, 0.3149 looks on a white background.

Color Contrast Check

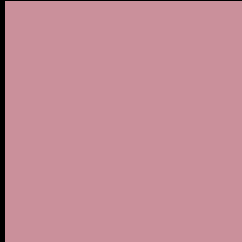
Large Text (above 18pt) WCAG AA × Fail

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 34.8696, 0.3634, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

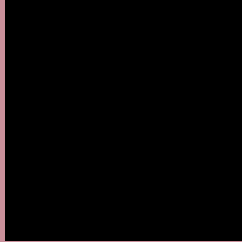
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8696, 0.3634, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 34.8696, 0.3634, 0.3149.



This preview shows how white text looks on a background with the Yxy color 34.8696, 0.3634, 0.3149.

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

34.8696, 0.3634, 0.3149

Protanopia

35.0537, 0.3102, 0.3217

Deuteranopia

34.8761, 0.3380, 0.3305



Tritanopia

34.8696, 0.3634, 0.3149

Trichromacy



Original Color

34.8696, 0.3634, 0.3149

Protanomaly

34.9145, 0.3282, 0.3192

Deuteranomaly

34.7106, 0.3471, 0.3236

Tritanomaly

34.8696, 0.3634, 0.3149

Monochromacy



Original Color

34.8696, 0.3634, 0.3149

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.6621, 0.3298, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8696, 0.3634, 0.3149 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(202, 144, 155)` looks like.

```
.text, #text, p{  
    color:rgb(202, 144, 155)  
}
```

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(202, 144, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 144, 155) }
```

Border

The CSS property to change the border of an element to Yxy 34.8696, 0.3634, 0.3149 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(202, 144, 155) }
```

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

```
.border{ border-color:rgb(202, 144, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 144, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 144, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 144, 155);  
box-shadow:4px 4px 4px 4px rgb(202, 144,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8696, 0.3634, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 144, 155) }
```

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

```
.background{ background-color: rgb(202,  
144, 155) }
```

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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