

Converting Colors

$Yxy(34.3840, 0.3447, 0.2986)$

Have a look what the booklet for
Yxy(34.3840, 0.3447, 0.2986)
contains.

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Color

Yxy(34.4723, 0.3444, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	C490A7
RGB	196, 144, 167
RGB Percent	77%, 56%, 65%
CMY	0.2315, 0.4352, 0.3452
CMYK	0.00, 0.27, 0.15, 0.23
HSL	333°, 31%, 67%
HSV	333°, 27%, 77%
XYZ	39.7066, 34.4723, 41.1131
YIQ	162.1700, 23.6090, 18.1770

Conversions

Conversions Part 2

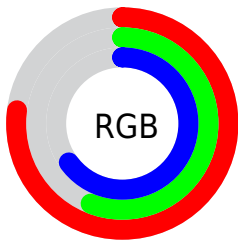
Format	Color
R _Y B	196, 144, 167
Decimal	12882087
CIE Lab	65.34, 23.19, -4.32
CIE LCh	65, 23.590, 349.443
Yxy	34.4723, 0.3444, 0.2990
Android (android.graphics.Color)	4291072167 (0xFFC490A7)
YUV	162.1700, 2.3812, 29.6689
Hunter-Lab	58.7131, 17.9682, -0.4179

Details

The Yxy color **34.4723, 0.3444, 0.2990** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.4154, 0.2893, 0.3612**, and the grayscale version is **36.1955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5447, 0.3382, 0.3046**, and **14.7292, 0.3539, 0.2897** is the 20% darker color. If you saturate the color by 10%, you get **28.6554, 0.3610, 0.2872**, and if you desaturate by 10%, it is **41.3570, 0.3305, 0.3107**.

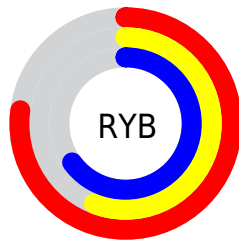
Distribution



Red (77%)

Green (56%)

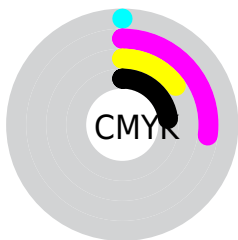
Blue (65%)



Red (77%)

Yellow (56%)

Blue (65%)

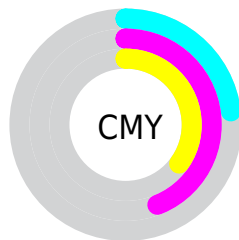


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (23%)



Cyan (23%)


Magenta (44%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4723, 0.3444, 0.2990 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 34.4723, 0.3444, 0.2990 by changing the saturation by 10% instead.


 34.4723, 0.3444,
0.2990


 34.4723, 0.3444,
0.2990


322.2329, 0.3279,
0.3144

 23.2567, 0.3487,
0.2950


 66.6675, 0.3383,
0.3047

 14.7831, 0.3544,
0.2898


 88.4158, 0.3360,
0.3068

 8.6673, 0.3623,
0.2826


114.4438, 0.3341,
0.3086

 4.5248, 0.3737,
0.2724

145.1359, 0.3325,
0.3101

 1.9713, 0.3920,
0.2564

180.8764, 0.3311,
0.3114

 0.5907, 0.4305,
0.2190

222.0499, 0.3299,

 0.0000, 1.0000,

0.3126

0.0000

269.0406, 0.3289,
0.3136

■ 0.0000, 0.0000,
0.0000

■ 34.4723, 0.3444,
0.2990

■ 34.4723, 0.3444,
0.2990

■ 28.6554, 0.3610,
0.2872

■ 41.3570, 0.3305,
0.3107

■ 23.8475, 0.3806,
0.2758

■ 49.3549, 0.3191,
0.3220

■ 19.9913, 0.4034,
0.2658

■ 58.5148, 0.3096,
0.3326


■ 17.0217, 0.4290,
0.2582


■ 68.8807, 0.3018,
0.3425

■ 14.8655, 0.4566,
0.2544


■ 80.4948, 0.2954,
0.3515


 13.4374, 0.4849,
0.2555


 89.1117, 0.2899,
0.3530

 12.6263, 0.5120,
0.2618

 89.7546, 0.2842,
0.3411

 12.4141, 0.5213,
0.2646

 90.4370, 0.2786,
0.3295

 90.4720, 0.2784,
0.3289

Harmonies

Analogous

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



34.4723, 0.3074, 0.2785



34.4723, 0.3444, 0.2990



34.4723, 0.3737, 0.3269

Triad

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



34.4723, 0.3444, 0.2990



34.4723, 0.3501, 0.3942



34.4723, 0.2449, 0.2947

Complementary

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



34.4723, 0.3444, 0.2990



48.4154, 0.2893, 0.3612

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.



34.4723, 0.2549, 0.3265



34.4723, 0.3444, 0.2990



34.4723, 0.3146, 0.3874

Square

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



34.4723, 0.3444, 0.2990



34.4723, 0.3765, 0.3818



34.4723, 0.2799, 0.3616



34.4723, 0.2516, 0.2748

Rectangle

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



34.4723, 0.3444, 0.2990



34.4723, 0.3839, 0.3470



34.4723, 0.2799, 0.3616



34.4723, 0.2464, 0.3043

Sweetspot

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



34.4739, 0.3444, 0.2990



86.9564, 0.3208, 0.3202



32.7746, 0.2933, 0.2592



18.1205, 0.3224, 0.3185



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.



34.4739, 0.3444, 0.2990



55.9277, 0.3540, 0.2919



34.4947, 0.3680, 0.3326



10.1502, 0.3221, 0.3189



7.9959, 0.5179, 0.2627



0.3593, 0.4630, 0.2324

Inverse Universe

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



34.4739, 0.3444, 0.2990



55.9277, 0.3540, 0.2919



48.2208, 0.2741, 0.3253



10.1502, 0.3221, 0.3189



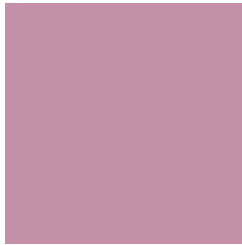
7.9959, 0.5179, 0.2627



0.3593, 0.4630, 0.2324

Previews

White Background



This preview shows how the Yxy color 34.4723, 0.3444, 0.2990 looks on a white background.

Color Contrast Check

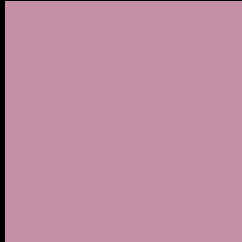
Large Text (above 18pt) WCAG AA × Fail

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 34.4723, 0.3444, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

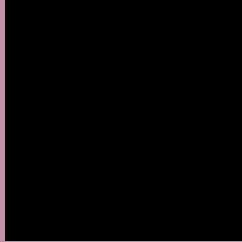
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4723, 0.3444, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 34.4723, 0.3444, 0.2990.



This preview shows how white text looks on a background with the Yxy color 34.4723, 0.3444, 0.2990.

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

34.4723, 0.3444, 0.2990

Protanopia

34.7170, 0.2969, 0.3044

Deuteranopia

34.4857, 0.3194, 0.3134



Tritanopia

34.5942, 0.3534, 0.3145

Trichromacy



Original Color

34.4723, 0.3444, 0.2990

Protanomaly

34.4190, 0.3130, 0.3023

Deuteranomaly

34.2692, 0.3279, 0.3070

Tritanomaly

34.4261, 0.3494, 0.3079

Monochromacy



Original Color

34.4723, 0.3444, 0.2990

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.1217, 0.3232, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4723, 0.3444, 0.2990 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(196, 144, 167)` looks like.

```
.text, #text, p{  
    color:rgb(196, 144, 167)  
}
```

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(196, 144, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 144, 167) }
```

Border

The CSS property to change the border of an element to Yxy 34.4723, 0.3444, 0.2990 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(196, 144, 167) }
```

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

```
.border{ border-color:rgb(196, 144, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 144, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 144, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 144, 167);  
box-shadow:4px 4px 4px 4px rgb(196, 144,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4723, 0.3444, 0.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 144, 167) }
```

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

```
.background{ background-color: rgb(196,  
144, 167) }
```

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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