

Converting Colors

$Yxy(36.3346, 0.3483, 0.3105)$

Have a look what the booklet for
Yxy(36.3346, 0.3483, 0.3105)
contains.

Yxy(36.4988, 0.3483, 0.3109)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.4988, 0.3483, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	C696A4
RGB	198, 150, 164
RGB Percent	78%, 59%, 64%
CMY	0.2236, 0.4117, 0.3569
CMYK	0.00, 0.24, 0.17, 0.22
HSL	343°, 30%, 68%
HSV	343°, 24%, 78%
XYZ	40.8895, 36.4988, 40.0090
YIQ	165.9480, 24.1140, 14.5300

Conversions

Conversions Part 2

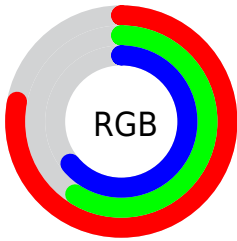
Format	Color
R _Y B	198, 150, 164
Decimal	13014692
CIE Lab	66.90, 20.13, -0.32
CIE LCh	67, 20.129, 359.088
Yxy	36.4988, 0.3483, 0.3109
Android (android.graphics.Color)	4291204772 (0xFFC696A4)
YUV	165.9480, -0.9604, 28.1096
Hunter-Lab	60.4142, 15.0871, 3.0255

Details

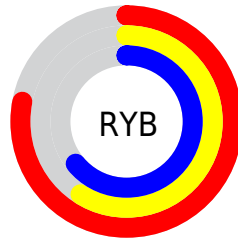
The Yxy color **36.4988, 0.3483, 0.3109** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.3206, 0.2864, 0.3480**, and the grayscale version is **38.1028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5602, 0.3412, 0.3138**, and **15.9332, 0.3594, 0.3060** is the 20% darker color. If you saturate the color by 10%, you get **30.2269, 0.3688, 0.3030**, and if you desaturate by 10%, it is **43.8973, 0.3315, 0.3187**.

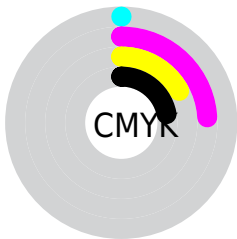
Distribution



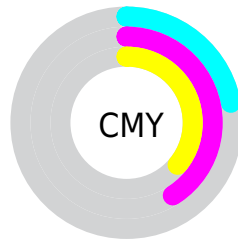
- Red (78%)
- Green (59%)
- Blue (64%)



- Red (78%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4988, 0.3483, 0.3109 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 36.4988, 0.3483, 0.3109 by changing the saturation by 10% instead.


 36.4988, 0.3483,
0.3109


 36.4988, 0.3483,
0.3109


331.1355, 0.3298,
0.3203

 24.8197, 0.3532,
0.3084


 69.8013, 0.3414,
0.3144

 15.9428, 0.3596,
0.3052


 92.1934, 0.3389,
0.3157

 9.4837, 0.3684,
0.3007


118.9253, 0.3367,
0.3168

 5.0580, 0.3813,
0.2942

150.3814, 0.3349,
0.3177

 2.2813, 0.4018,
0.2839

186.9461, 0.3334,
0.3185

 0.7638, 0.4409,
0.2639

229.0037, 0.3320,

 0.0000, 1.0000,

0.3192

0.0000

276.9387, 0.3308,
0.3198

0.0000, 0.0000,
0.0000

36.4988, 0.3483,
0.3109

36.4988, 0.3483,
0.3109

30.2269, 0.3688,
0.3030

43.8973, 0.3315,
0.3187

25.0213, 0.3936,
0.2954

52.4689, 0.3177,
0.3260

20.8234, 0.4229,
0.2887

62.2637, 0.3065,
0.3329

17.5670, 0.4563,
0.2840

73.3274, 0.2974,
0.3392

15.1779, 0.4927,
0.2824

85.7032, 0.2899,
0.3450

■ 13.5708, 0.5294,
0.2849

■ 90.3086, 0.2829,
0.3361

■ 12.6423, 0.5631,
0.2919

■ 90.7417, 0.2794,
0.3289

■ 12.3042, 0.5804,
0.2971

Harmonies

Analogous

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



36.4988, 0.3185, 0.2909



36.4988, 0.3483, 0.3109



36.4988, 0.3687, 0.3358

Triad

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



36.4988, 0.3483, 0.3109



36.4988, 0.3352, 0.3833



36.4988, 0.2557, 0.2938

Complementary

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



36.4988, 0.3483, 0.3109



50.3206, 0.2864, 0.3480

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.



36.4988, 0.2597, 0.3180



36.4988, 0.3483, 0.3109



36.4988, 0.3047, 0.3720

Square

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



36.4988, 0.3483, 0.3109



36.4988, 0.3605, 0.3783



36.4988, 0.2773, 0.3472



36.4988, 0.2659, 0.2805

Rectangle

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



36.4988, 0.3483, 0.3109



36.4988, 0.3736, 0.3526



36.4988, 0.2773, 0.3472



36.4988, 0.2555, 0.3009

Sweetspot

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



36.5005, 0.3483, 0.3109



88.3473, 0.3214, 0.3240



36.0336, 0.3019, 0.2669



18.7058, 0.3222, 0.3235



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.



36.5005, 0.3483, 0.3109



58.6210, 0.3585, 0.3068



39.2105, 0.3598, 0.3417



10.6870, 0.3245, 0.3223



8.0175, 0.5770, 0.2952



0.3925, 0.5159, 0.2616

Inverse Universe

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



36.5005, 0.3483, 0.3109



58.6210, 0.3585, 0.3068



46.6905, 0.2763, 0.3159



10.6870, 0.3245, 0.3223



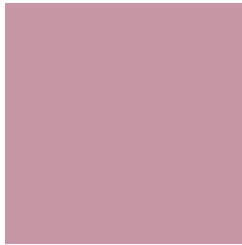
8.0175, 0.5770, 0.2952



0.3925, 0.5159, 0.2616

Previews

White Background



This preview shows how the Yxy color 36.4988, 0.3483, 0.3109 looks on a white background.

Color Contrast Check

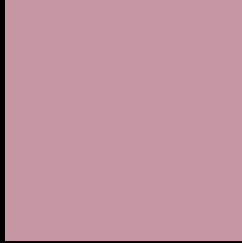
Large Text (above 18pt) WCAG AA × Fail

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 36.4988, 0.3483, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

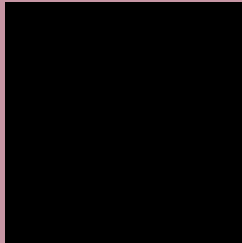
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4988, 0.3483, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 36.4988, 0.3483, 0.3109.



This preview shows how white text looks on a background with the Yxy color 36.4988, 0.3483, 0.3109.

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

36.4988, 0.3483, 0.3109

Protanopia

36.6734, 0.3068, 0.3162

Deuteranopia

36.6818, 0.3287, 0.3221



Tritanopia

36.4271, 0.3504, 0.3135

Trichromacy



Original Color

36.4988, 0.3483, 0.3109

Protanomaly

36.5110, 0.3211, 0.3152

Deuteranomaly

36.5261, 0.3362, 0.3182

Tritanomaly

36.4628, 0.3493, 0.3122

Monochromacy



Original Color

36.4988, 0.3483, 0.3109

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3232, 0.3256, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4988, 0.3483, 0.3109 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(198, 150, 164)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 164)  
}
```

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(198, 150, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 164) }
```

Border

The CSS property to change the border of an element to Yxy 36.4988, 0.3483, 0.3109 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(198, 150, 164) }
```

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

```
.border{ border-color:rgb(198, 150, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 164);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4988, 0.3483, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 164) }
```

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

```
.background{ background-color: rgb(198,  
150, 164) }
```

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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