

Converting Colors

$Yxy(36.6602, 0.3283, 0.3099)$

Have a look what the booklet for
Yxy(36.6602, 0.3283, 0.3099)
contains.

Yxy(36.4976, 0.3284, 0.3101)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.4976, 0.3284, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	B89BA9
RGB	184, 155, 169
RGB Percent	72%, 61%, 66%
CMY	0.2784, 0.3922, 0.3372
CMYK	0.00, 0.16, 0.08, 0.28
HSL	331°, 17%, 66%
HSV	331°, 16%, 72%
XYZ	38.6514, 36.4976, 42.5472
YIQ	165.2670, 12.7900, 10.5020

Conversions

Conversions Part 2

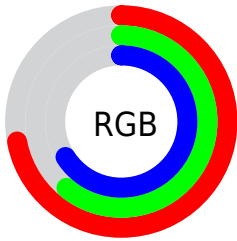
Format	Color
RYB	184, 155, 169
Decimal	12098473
CIELab	66.90, 13.11, -3.29
CIELCh	67, 13.521, 345.919
Yxy	36.4976, 0.3284, 0.3101
Android (android.graphics.Color)	4290288553 (0xFFB89BA9)
YUV	165.2670, 1.8404, 16.4288
Hunter-Lab	60.4132, 8.4783, 0.5332

Details

The Yxy color **36.4976, 0.3284, 0.3101** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1546, 0.2994, 0.3487**, and the grayscale version is **37.7493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0003, 0.3253, 0.3144**, and **16.0103, 0.3336, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **30.4896, 0.3410, 0.2974**, and if you desaturate by 10%, it is **43.4682, 0.3179, 0.3223**.

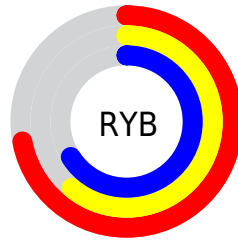
Distribution



Red (72%)

Green (61%)

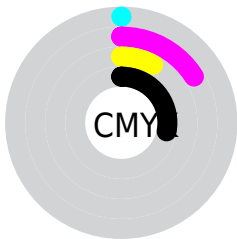
Blue (66%)



Red (72%)

Yellow (61%)

Blue (66%)

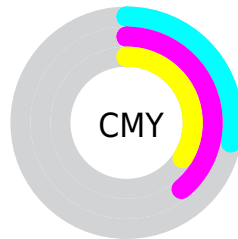


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (28%)



Cyan (28%)


Magenta (39%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4976, 0.3284, 0.3101 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 36.4976, 0.3284, 0.3101 by changing the saturation by 10% instead.


 36.4976, 0.3284,
0.3101


 36.4976, 0.3284,
0.3101


331.1303, 0.3203,
0.3198

 24.8187, 0.3305,
0.3076


 69.7994, 0.3254,
0.3137

 15.9421, 0.3333,
0.3043


 92.1912, 0.3243,
0.3150

 9.4832, 0.3371,
0.2998


118.9227, 0.3234,
0.3161

 5.0577, 0.3425,
0.2934

150.3783, 0.3226,
0.3171

 2.2811, 0.3512,
0.2834

186.9425, 0.3219,
0.3179

 0.7637, 0.3676,
0.2641

228.9996, 0.3213,

 0.0000, 0.0000,

0.3186

0.0000

276.9341, 0.3208,
0.3193

■ 36.4976, 0.3284,
0.3101

■ 36.4976, 0.3284,
0.3101

■ 30.4896, 0.3410,
0.2974

■ 43.4682, 0.3179,
0.3223

■ 25.3965, 0.3560,
0.2846

■ 51.4363, 0.3092,
0.3338

■ 21.1742, 0.3737,
0.2722

■ 60.4415, 0.3021,
0.3444

■ 17.7728, 0.3942,
0.2611

■ 70.5192, 0.2962,
0.3543

■ 15.1371, 0.4171,
0.2523

■ 81.7036, 0.2913,
0.3633

■ 13.2054, 0.4419,
0.2472

■ 87.2075, 0.2866,
0.3608

■ 11.9060, 0.4676,
0.2467

■ 87.7447, 0.2817,
0.3501

■ 11.1487, 0.4926,
0.2516

■ 88.3115, 0.2770,
0.3396

■ 10.9100, 0.5031,
0.2545

■ 88.9081, 0.2723,
0.3293

Harmonies

Analogous

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



36.4976, 0.3076, 0.2987



36.4976, 0.3284, 0.3101



36.4976, 0.3453, 0.3263

Triad

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



36.4976, 0.3284, 0.3101



36.4976, 0.3363, 0.3651



36.4976, 0.2739, 0.3121

Complementary

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



36.4976, 0.3284, 0.3101



44.1546, 0.2994, 0.3487

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.



36.4976, 0.2810, 0.3304



36.4976, 0.3284, 0.3101



36.4976, 0.3167, 0.3620

Square

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



36.4976, 0.3284, 0.3101



36.4976, 0.3498, 0.3581



36.4976, 0.2966, 0.3490



36.4976, 0.2767, 0.2993

Rectangle

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



36.4976, 0.3284, 0.3101



36.4976, 0.3518, 0.3381



36.4976, 0.2966, 0.3490



36.4976, 0.2752, 0.3179

Sweetspot

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



36.4992, 0.3284, 0.3101



79.7149, 0.3173, 0.3231



35.4488, 0.3013, 0.2890



16.9807, 0.3179, 0.3223



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.4992, 0.3284, 0.3101



62.0919, 0.3326, 0.3056



36.1622, 0.3418, 0.3298



9.0825, 0.3214, 0.3180



7.5327, 0.5003, 0.2530



0.2781, 0.4422, 0.2210

Inverse Universe

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



36.4992, 0.3284, 0.3101



62.0919, 0.3326, 0.3056



44.5128, 0.2892, 0.3283



9.0825, 0.3214, 0.3180



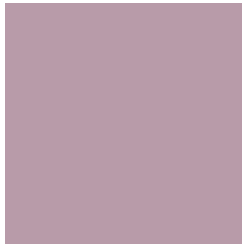
7.5327, 0.5003, 0.2530



0.2781, 0.4422, 0.2210

Previews

White Background



This preview shows how the Yxy color 36.4976, 0.3284, 0.3101 looks on a white background.

Color Contrast Check

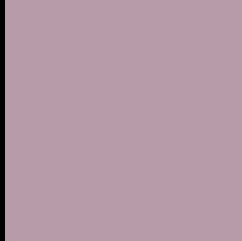
Large Text (above 18pt) WCAG AA × Fail

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 36.4976, 0.3284, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

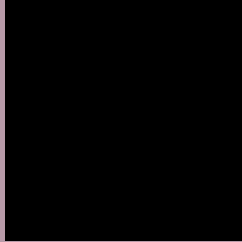
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4976, 0.3284, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 36.4976, 0.3284, 0.3101.



This preview shows how white text looks on a background with the Yxy color 36.4976, 0.3284, 0.3101.

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

36.4976, 0.3284, 0.3101

Protanopia

36.6443, 0.3041, 0.3133

Deuteranopia

36.5110, 0.3211, 0.3152



Tritanopia

36.4231, 0.3303, 0.3128

Trichromacy



Original Color

36.4976, 0.3284, 0.3101

Protanomaly

36.4328, 0.3126, 0.3109

Deuteranomaly

36.5248, 0.3242, 0.3139

Tritanomaly

36.4602, 0.3294, 0.3114

Monochromacy



Original Color

36.4976, 0.3284, 0.3101

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0136, 0.3188, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4976, 0.3284, 0.3101 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(184, 155, 169)` looks like.

```
.text, #text, p{  
    color:rgb(184, 155, 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(184, 155, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 155, 169) }
```

Border

The CSS property to change the border of an element to Yxy 36.4976, 0.3284, 0.3101 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(184, 155, 169) }
```

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

```
.border{ border-color:rgb(184, 155, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 155, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 155, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 155, 169);  
box-shadow:4px 4px 4px 4px rgb(184, 155,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4976, 0.3284, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 155, 169) }
```

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

```
.background{ background-color: rgb(184,  
155, 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](#).

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