

Converting Colors

$Yxy(34.3528, 0.3677, 0.3485)$

Have a look what the booklet for
Yxy(34.3528, 0.3677, 0.3485)
contains.

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Color

Yxy(34.4091, 0.3679, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	BD9688
RGB	189, 150, 136
RGB Percent	74%, 59%, 53%
CMY	0.2589, 0.4117, 0.4667
CMYK	0.00, 0.21, 0.28, 0.26
HSL	16°, 29%, 64%
HSV	16°, 28%, 74%
XYZ	36.3350, 34.4091, 28.0191
YIQ	160.0650, 27.7380, 3.9140

Conversions

Conversions Part 2

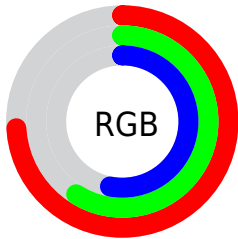
Format	Color
RYB	189, 155, 136
Decimal	12424840
CIELab	65.29, 12.51, 12.94
CIElCh	65, 17.997, 45.957
Yxy	34.4091, 0.3679, 0.3484
Android (android.graphics.Color)	4290614920 (0xFFBD9688)
YUV	160.0650, -11.8640, 25.3760
Hunter-Lab	58.6593, 7.9135, 12.7411

Details

The Yxy color **34.4091, 0.3679, 0.3484** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.5621, 0.2704, 0.3087**, and the grayscale version is **35.2321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4527, 0.3572, 0.3451**, and **14.7465, 0.3871, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **29.7423, 0.3949, 0.3557**, and if you desaturate by 10%, it is **39.7003, 0.3451, 0.3412**.

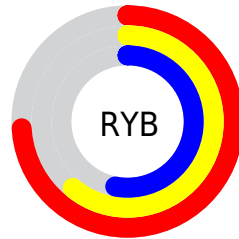
Distribution



Red (74%)

Green (59%)

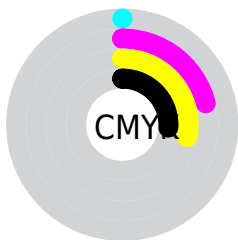
Blue (53%)



Red (74%)

Yellow (61%)

Blue (53%)

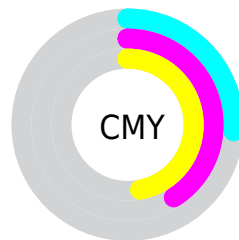


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (26%)



Cyan (26%)


Magenta (41%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4091, 0.3679, 0.3484 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 34.4091, 0.3679, 0.3484 by changing the saturation by 10% instead.

 34.4091, 0.3679,
0.3484


 34.4091, 0.3679,
0.3484


321.9524, 0.3387,
0.3388


 23.2081, 0.3757,
0.3507


 66.5693, 0.3569,
0.3450

 14.7472, 0.3862,
0.3536


 88.2973, 0.3529,
0.3437

 8.6422, 0.4006,
0.3573


 114.3031, 0.3495,
0.3425

 4.5085, 0.4219,
0.3621

144.9711, 0.3467,
0.3416

 1.9619, 0.4562,
0.3678

180.6856, 0.3443,
0.3408

 0.5852, 0.5956,
0.4044

221.8310, 0.3421,

 0.0000, 0.0000,

0.3400

0.0000

268.7918, 0.3403,
0.3394

■ 34.4091, 0.3679,
0.3484

■ 34.4091, 0.3679,
0.3484

■ 29.7423, 0.3949,
0.3557

■ 39.7003, 0.3451,
0.3412

■ 25.6720, 0.4262,
0.3625

■ 45.6333, 0.3259,
0.3342

■ 22.1747, 0.4615,
0.3681

■ 52.2305, 0.3098,
0.3278

■ 19.2240, 0.4995,
0.3715

■ 59.5120, 0.2963,
0.3218

■ 16.7908, 0.5376,
0.3715

■ 67.4968, 0.2850,
0.3164

■ 14.8434, 0.5723,
0.3674

■ 76.2033, 0.2754,
0.3114

■ 13.3433, 0.5998,
0.3595

■ 84.7631, 0.2739,
0.3207

■ 13.0952, 0.6048,
0.3580

■ 89.5578, 0.2747,
0.3289

Harmonies

Analogous

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



34.4091, 0.3571, 0.3251



34.4091, 0.3679, 0.3484



34.4091, 0.3631, 0.3681

Triad

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



34.4091, 0.3679, 0.3484



34.4091, 0.2906, 0.3564



34.4091, 0.2804, 0.2829

Complementary

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



34.4091, 0.3679, 0.3484



39.5621, 0.2704, 0.3087

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.



34.4091, 0.2643, 0.2887



34.4091, 0.3679, 0.3484



34.4091, 0.2699, 0.3306

Square

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



34.4091, 0.3679, 0.3484



34.4091, 0.3178, 0.3743



34.4091, 0.2605, 0.3057



34.4091, 0.3057, 0.2884

Rectangle

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



34.4091, 0.3679, 0.3484



34.4091, 0.3519, 0.3762



34.4091, 0.2605, 0.3057



34.4091, 0.2738, 0.2835

Sweetspot

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



34.4107, 0.3679, 0.3484



81.6370, 0.3260, 0.3343



31.5509, 0.3292, 0.2763



17.1948, 0.3287, 0.3353



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



34.4107, 0.3679, 0.3484



56.0719, 0.3850, 0.3532



43.5458, 0.3588, 0.3820



9.9356, 0.3282, 0.3351



8.9204, 0.6026, 0.3598



0.4607, 0.5540, 0.3983

Inverse Universe

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



39.5621, 0.2704, 0.3087



66.8847, 0.2611, 0.3032



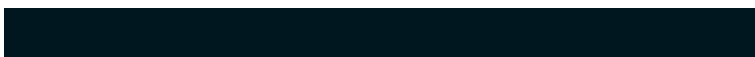
30.4818, 0.2665, 0.2697



10.3711, 0.2985, 0.3228



15.0343, 0.2006, 0.2420



0.6904, 0.2070, 0.2652

Previews

White Background



This preview shows how the Yxy color 34.4091, 0.3679, 0.3484 looks on a white background.

Color Contrast Check

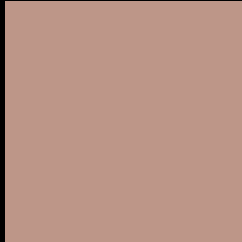
Large Text (above 18pt) WCAG AA × Fail

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 34.4091, 0.3679, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

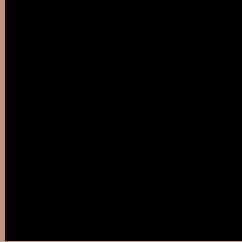
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4091, 0.3679, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 34.4091, 0.3679, 0.3484.



This preview shows how white text looks on a background with the Yxy color 34.4091, 0.3679, 0.3484.

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

34.4091, 0.3679, 0.3484

Protanopia

34.4542, 0.3374, 0.3556

Deuteranopia

34.4768, 0.3604, 0.3545



Tritanopia

34.4124, 0.3479, 0.3143

Trichromacy



Original Color

34.4091, 0.3679, 0.3484

Protanomaly

34.3054, 0.3474, 0.3522

Deuteranomaly

34.5200, 0.3640, 0.3528

Tritanomaly

34.3290, 0.3549, 0.3264

Monochromacy



Original Color

34.4091, 0.3679, 0.3484

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6692, 0.3324, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4091, 0.3679, 0.3484 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(189, 150, 136)` looks like.

```
.text, #text, p{  
    color:rgb(189, 150, 136)  
}
```

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(189, 150, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 150, 136) }
```

Border

The CSS property to change the border of an element to Yxy 34.4091, 0.3679, 0.3484 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(189, 150, 136) }
```

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

```
.border{ border-color:rgb(189, 150, 136) }
```

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

Here you see how a box with a 4 pixel rgb(189, 150, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 150, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 150, 136);  
box-shadow:4px 4px 4px 4px rgb(189, 150,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4091, 0.3679, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 150, 136) }
```

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

```
.background{ background-color: rgb(189,  
150, 136) }
```

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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