

Converting Colors

$Yxy(34.8014, 0.3544, 0.3305)$

Have a look what the booklet for
Yxy(34.8014, 0.3544, 0.3305)
contains.

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Color

Yxy(34.8014, 0.3544, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	BD9695
RGB	189, 150, 149
RGB Percent	74%, 59%, 58%
CMY	0.2588, 0.4118, 0.4157
CMYK	0.00, 0.21, 0.21, 0.26
HSL	2°, 23%, 66%
HSV	2°, 21%, 74%
XYZ	37.3181, 34.8014, 33.1798
YIQ	161.5470, 23.5650, 7.9570

Conversions

Conversions Part 2

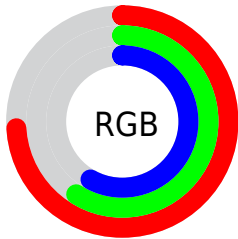
Format	Color
R _Y B	189, 150, 149
Decimal	12424853
CIE Lab	65.59, 14.43, 6.09
CIE LCh	66, 15.662, 22.892
Yxy	34.8014, 0.3544, 0.3305
Android (android.graphics.Color)	4290614933 (0xFFBD9695)
YUV	161.5470, -6.1857, 24.0763
Hunter-Lab	58.9927, 9.6796, 7.9479

Details

The Yxy color **34.8014, 0.3544, 0.3305** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0276, 0.2815, 0.3275**, and the grayscale version is **35.9304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0904, 0.3463, 0.3302**, and **14.9564, 0.3687, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **28.8228, 0.3818, 0.3313**, and if you desaturate by 10%, it is **41.8055, 0.3323, 0.3298**.

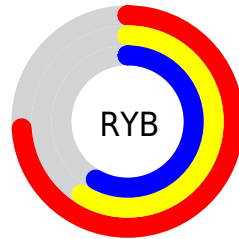
Distribution



Red (74%)

Green (59%)

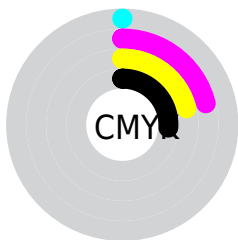
Blue (58%)



Red (74%)

Yellow (59%)

Blue (58%)

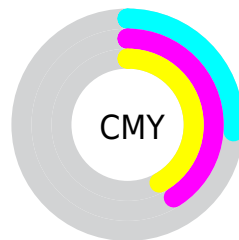


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (26%)



Cyan (26%)


Magenta (41%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8014, 0.3544, 0.3305 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 34.8014, 0.3544, 0.3305 by changing the saturation by 10% instead.


 34.8014, 0.3544,
0.3305


 34.8014, 0.3544,
0.3305


323.6909, 0.3324,
0.3300

 23.5099, 0.3603,
0.3305


 67.1780, 0.3461,
0.3304

 14.9705, 0.3681,
0.3305


 89.0319, 0.3431,
0.3303

 8.7987, 0.3791,
0.3303


115.1754, 0.3406,
0.3303

 4.6101, 0.3953,
0.3297

145.9929, 0.3384,
0.3302

 2.0204, 0.4217,
0.3280

181.8688, 0.3366,
0.3302

 0.6193, 0.5213,
0.3417


223.1875, 0.3350,

 0.0000, 0.0000,

0.3301

0.0000


270.3334, 0.3336,
0.3301

 34.8014, 0.3544,
0.3305

 34.8014, 0.3544,
0.3305


 28.8228, 0.3818,
0.3313


 41.8055, 0.3323,
0.3298


 23.8171, 0.4153,
0.3320


 49.8750, 0.3146,
0.3291

 19.7343, 0.4552,
0.3327

 59.0534, 0.3003,
0.3285

 16.5180, 0.5004,
0.3332

 69.3805, 0.2887,
0.3279

 14.1057, 0.5474,
0.3332

 80.8941, 0.2794,
0.3274

■ 12.4265, 0.5903,
0.3328

■ 89.5598, 0.2747,
0.3289

■ 11.3972, 0.6218,
0.3318

■ 10.9236, 0.6383,
0.3314

Harmonies

Analogous

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



34.8014, 0.3364, 0.3109



34.8014, 0.3544, 0.3305



34.8014, 0.3607, 0.3505

Triad

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



34.8014, 0.3544, 0.3305



34.8014, 0.3116, 0.3654



34.8014, 0.2729, 0.2919

Complementary

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



34.8014, 0.3544, 0.3305



46.0276, 0.2815, 0.3275

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.



34.8014, 0.2669, 0.3048



34.8014, 0.3544, 0.3305



34.8014, 0.2887, 0.3479

Square

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



34.8014, 0.3544, 0.3305



34.8014, 0.3354, 0.3719



34.8014, 0.2726, 0.3252



34.8014, 0.2892, 0.2890

Rectangle

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



34.8014, 0.3544, 0.3305



34.8014, 0.3574, 0.3616



34.8014, 0.2726, 0.3252



34.8014, 0.2696, 0.2951

Sweetspot

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



34.8030, 0.3544, 0.3305



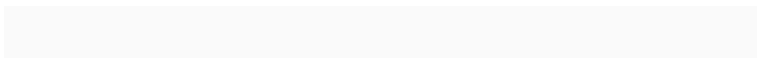
81.9591, 0.3228, 0.3294



35.9572, 0.3158, 0.2780



17.4235, 0.3240, 0.3295



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.



34.8030, 0.3544, 0.3305



57.5804, 0.3653, 0.3308



41.6138, 0.3491, 0.3567



9.5740, 0.3288, 0.3296



7.3661, 0.6379, 0.3317



0.3019, 0.6294, 0.3384

Inverse Universe

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



46.0276, 0.2815, 0.3275



80.9734, 0.2758, 0.3272



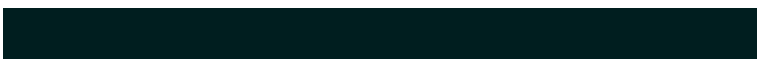
38.1912, 0.2796, 0.2996



10.7670, 0.2985, 0.3284



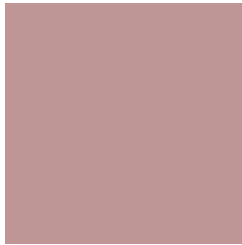
25.6165, 0.2225, 0.3211



1.0166, 0.2231, 0.3231

Previews

White Background



This preview shows how the Yxy color 34.8014, 0.3544, 0.3305 looks on a white background.

Color Contrast Check

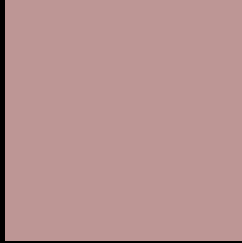
Large Text (above 18pt) WCAG AA × Fail

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 34.8014, 0.3544, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

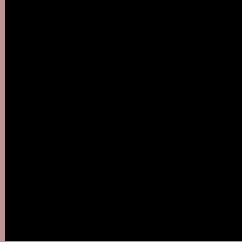
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8014, 0.3544, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 34.8014, 0.3544, 0.3305.



This preview shows how white text looks on a background with the Yxy color 34.8014, 0.3544, 0.3305.

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

34.8014, 0.3544, 0.3305

Protanopia

35.0219, 0.3221, 0.3363

Deuteranopia

34.8330, 0.3439, 0.3375



Tritanopia

34.6650, 0.3446, 0.3129

Trichromacy



Original Color

34.8014, 0.3544, 0.3305

Protanomaly

34.9282, 0.3335, 0.3348

Deuteranomaly

34.9879, 0.3483, 0.3361

Tritanomaly

34.8423, 0.3485, 0.3197

Monochromacy



Original Color

34.8014, 0.3544, 0.3305

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.6587, 0.3274, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8014, 0.3544, 0.3305 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(189, 150, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 150, 149) }
```

Border

The CSS property to change the border of an element to Yxy 34.8014, 0.3544, 0.3305 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, 149) }
```

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

```
.border{ border-color:rgb(189, 150, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 150, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 150, 149);  
box-shadow:4px 4px 4px 4px rgb(189, 150,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8014, 0.3544, 0.3305 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, 149) }
```

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

```
.background{ background-color: rgb(189,  
150, 149) }
```

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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