

Converting Colors

$Yxy(34.3954, 0.3579, 0.3251)$

Have a look what the booklet for
Yxy(34.3954, 0.3579, 0.3251)
contains.

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Color

Yxy(34.4069, 0.3584, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	C19396
RGB	193, 147, 150
RGB Percent	76%, 58%, 59%
CMY	0.2431, 0.4235, 0.4118
CMYK	0.00, 0.24, 0.22, 0.24
HSL	356°, 27%, 67%
HSV	356°, 24%, 76%
XYZ	37.9312, 34.4069, 33.4967
YIQ	161.0960, 26.4530, 10.6850

Conversions

Conversions Part 2

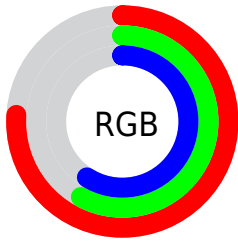
Format	Color
R _Y B	193, 147, 150
Decimal	12686230
CIE Lab	65.28, 17.76, 5.13
CIE LCh	65, 18.483, 16.119
Yxy	34.4069, 0.3584, 0.3251
Android (android.graphics.Color)	4290876310 (0xFFC19396)
YUV	161.0960, -5.4703, 27.9798
Hunter-Lab	58.6574, 12.7778, 7.2022

Details

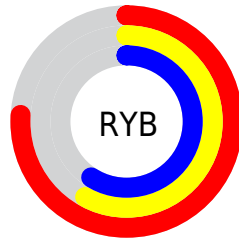
The Yxy color **34.4069, 0.3584, 0.3251** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0615, 0.2799, 0.3330**, and the grayscale version is **35.7051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4569, 0.3493, 0.3260**, and **14.7556, 0.3747, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **28.3638, 0.3858, 0.3234**, and if you desaturate by 10%, it is **41.5497, 0.3363, 0.3268**.

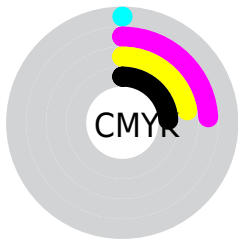
Distribution



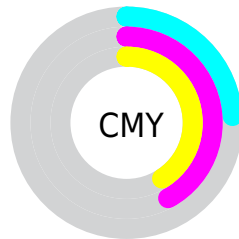
- Red (76%)
- Green (58%)
- Blue (59%)



- Red (76%)
- Yellow (58%)
- Blue (59%)



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





- Cyan (24%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4069, 0.3584, 0.3251 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 34.4069, 0.3584, 0.3251 by changing the saturation by 10% instead.

 34.4069, 0.3584,
0.3251


 34.4069, 0.3584,
0.3251


321.9426, 0.3342,
0.3275

 23.2064, 0.3649,
0.3244


 66.5659, 0.3493,
0.3261

 14.7460, 0.3735,
0.3233


 88.2932, 0.3460,
0.3264

 8.6413, 0.3855,
0.3217


114.2982, 0.3432,
0.3267

 4.5080, 0.4034,
0.3191

144.9653, 0.3409,
0.3269

 1.9616, 0.4326,
0.3140

180.6789, 0.3389,
0.3271

 0.5850, 0.5363,
0.3143


221.8234, 0.3371,


 0.0000, 0.0000,


0.3272

0.0000


268.7832, 0.3356,
0.3274

 34.4069, 0.3584,
0.3251


 34.4069, 0.3584,
0.3251


 28.3638, 0.3858,
0.3234


 41.5497, 0.3363,
0.3268


 23.3612, 0.4192,
0.3218


 49.8379, 0.3185,
0.3284


 19.3419, 0.4588,
0.3206

 59.3205, 0.3043,
0.3299

 16.2411, 0.5033,
0.3200

 70.0421, 0.2928,
0.3313

 13.9862, 0.5492,
0.3205

 82.0453, 0.2835,
0.3325

■ 12.4936, 0.5908,
0.3223

■ 90.0776, 0.2768,
0.3289

■ 11.6629, 0.6212,
0.3251

■ 11.3655, 0.6335,
0.3264

Harmonies

Analogous

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



34.4069, 0.3346, 0.3031



34.4069, 0.3584, 0.3251



34.4069, 0.3694, 0.3490

Triad

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



34.4069, 0.3584, 0.3251



34.4069, 0.3178, 0.3755



34.4069, 0.2631, 0.2875

Complementary

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



34.4069, 0.3584, 0.3251



48.0615, 0.2799, 0.3330

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.



34.4069, 0.2592, 0.3049



34.4069, 0.3584, 0.3251



34.4069, 0.2899, 0.3571

Square

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



34.4069, 0.3584, 0.3251



34.4069, 0.3452, 0.3796



34.4069, 0.2687, 0.3305



34.4069, 0.2797, 0.2817

Rectangle

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



34.4069, 0.3584, 0.3251



34.4069, 0.3678, 0.3632



34.4069, 0.2687, 0.3305



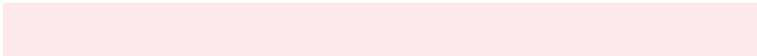
34.4069, 0.2603, 0.2921

Sweetspot

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



34.4085, 0.3584, 0.3251



84.1627, 0.3239, 0.3279



35.6578, 0.3125, 0.2699



17.8590, 0.3250, 0.3278



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



34.4085, 0.3584, 0.3251



55.3033, 0.3731, 0.3241



41.0583, 0.3556, 0.3555



10.0883, 0.3279, 0.3275



7.5637, 0.6320, 0.3255



0.3305, 0.6038, 0.3100

Inverse Universe

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



34.4085, 0.3584, 0.3251



55.3033, 0.3731, 0.3241



39.9674, 0.2757, 0.3009



10.0883, 0.3279, 0.3275



7.5637, 0.6320, 0.3255



0.3305, 0.6038, 0.3100

Previews

White Background



This preview shows how the Yxy color 34.4069, 0.3584, 0.3251 looks on a white background.

Color Contrast Check

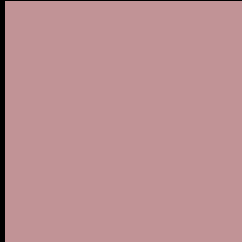
Large Text (above 18pt) WCAG AA × Fail

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 34.4069, 0.3584, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

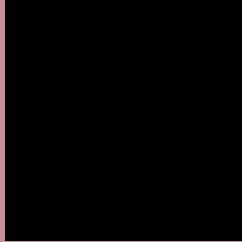
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4069, 0.3584, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 34.4069, 0.3584, 0.3251.



This preview shows how white text looks on a background with the Yxy color 34.4069, 0.3584, 0.3251.

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

34.4069, 0.3584, 0.3251

Protanopia

34.5354, 0.3184, 0.3320

Deuteranopia

34.4174, 0.3421, 0.3347



Tritanopia

34.4614, 0.3523, 0.3145

Trichromacy



Original Color

34.4069, 0.3584, 0.3251

Protanomaly

34.3285, 0.3319, 0.3291

Deuteranomaly

34.3704, 0.3478, 0.3319

Tritanomaly

34.3602, 0.3555, 0.3184

Monochromacy



Original Color

34.4069, 0.3584, 0.3251

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0955, 0.3287, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4069, 0.3584, 0.3251 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(193, 147, 150)` looks like.

```
.text, #text, p{  
    color:rgb(193, 147, 150)  
}
```

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(193, 147, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 147, 150) }
```

Border

The CSS property to change the border of an element to Yxy 34.4069, 0.3584, 0.3251 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(193, 147, 150) }
```

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

```
.border{ border-color:rgb(193, 147, 150) }
```

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

Here you see how a box with a 4 pixel rgb(193, 147, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 147, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 147, 150);  
box-shadow:4px 4px 4px 4px rgb(193, 147,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4069, 0.3584, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 147, 150) }
```

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

```
.background{ background-color: rgb(193,  
147, 150) }
```

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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