

Converting Colors

$Yxy(34.4381, 0.3368, 0.3240)$

Have a look what the booklet for
Yxy(34.4381, 0.3368, 0.3240)
contains.

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Color

Yxy(34.4405, 0.3364, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	B3989C
RGB	179, 152, 156
RGB Percent	70%, 60%, 61%
CMY	0.2981, 0.4039, 0.3883
CMYK	0.00, 0.15, 0.13, 0.30
HSL	351°, 15%, 65%
HSV	351°, 15%, 70%
XYZ	35.8139, 34.4405, 36.2078
YIQ	160.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

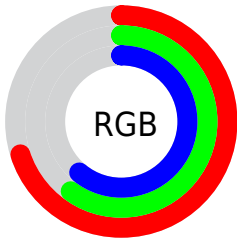
Format	Color
RYB	179, 152, 156
Decimal	11770012
CIELab	65.31, 10.66, 1.63
CIElCh	65, 10.785, 8.687
Yxy	34.4405, 0.3364, 0.3235
Android (android.graphics.Color)	4289960092 (0xFFB3989C)
YUV	160.5290, -2.2328, 16.1991
Hunter-Lab	58.6860, 6.2312, 4.4998

Details

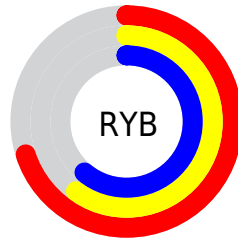
The Yxy color **34.4405, 0.3364, 0.3235** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0013, 0.2932, 0.3346**, and the grayscale version is **35.4157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4579, 0.3321, 0.3248**, and **14.7629, 0.3440, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **28.5786, 0.3569, 0.3196**, and if you desaturate by 10%, it is **41.2471, 0.3198, 0.3272**.

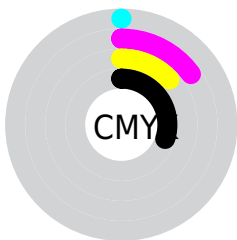
Distribution



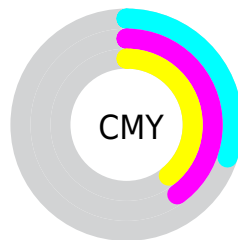
- Red (70%)
- Green (60%)
- Blue (61%)



- Red (70%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (30%)





- Cyan (30%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4405, 0.3364, 0.3235 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 34.4405, 0.3364, 0.3235 by changing the saturation by 10% instead.


 34.4405, 0.3364,
0.3235


 34.4405, 0.3364,
0.3235


322.0918, 0.3239,
0.3265

 23.2322, 0.3397,
0.3227


 66.6181, 0.3317,
0.3246

 14.7651, 0.3442,
0.3216


 88.3562, 0.3300,
0.3250

 8.6547, 0.3504,
0.3201


114.3730, 0.3286,
0.3254

 4.5166, 0.3595,
0.3177

145.0530, 0.3274,
0.3257

 1.9666, 0.3746,
0.3138

180.7804, 0.3263,
0.3259

 0.5879, 0.4237,
0.3041


221.9398, 0.3254,


 0.0000, 0.0000,

0.3261

0.0000


268.9154, 0.3246,
0.3263

 34.4405, 0.3364,
0.3235


 34.4405, 0.3364,
0.3235

 28.5786, 0.3569,
0.3196


 41.2471, 0.3198,
0.3272

 23.6151, 0.3821,
0.3156


 49.0327, 0.3065,
0.3307


 19.5070, 0.4127,
0.3119

 57.8356, 0.2956,
0.3338

 16.2059, 0.4489,
0.3089

 67.6907, 0.2868,
0.3367

 13.6583, 0.4898,
0.3073

 78.6311, 0.2796,
0.3393

■ 11.8045, 0.5329,
0.3077

■ 87.8493, 0.2732,
0.3370

■ 10.5755, 0.5737,
0.3107

■ 88.3205, 0.2696,
0.3289

■ 9.8873, 0.6066,
0.3162

■ 9.6568, 0.6195,
0.3186

Harmonies

Analogous

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



34.4405, 0.3216, 0.3108



34.4405, 0.3364, 0.3235



34.4405, 0.3448, 0.3379

Triad

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



34.4405, 0.3364, 0.3235



34.4405, 0.3201, 0.3570



34.4405, 0.2820, 0.3068

Complementary

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



34.4405, 0.3364, 0.3235



42.0013, 0.2932, 0.3346

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.



34.4405, 0.2817, 0.3188



34.4405, 0.3364, 0.3235



34.4405, 0.3034, 0.3483

Square

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



34.4405, 0.3364, 0.3235



34.4405, 0.3352, 0.3576



34.4405, 0.2894, 0.3340



34.4405, 0.2903, 0.3012

Rectangle

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



34.4405, 0.3364, 0.3235



34.4405, 0.3455, 0.3467



34.4405, 0.2894, 0.3340



34.4405, 0.2809, 0.3102

Sweetspot

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



34.4420, 0.3364, 0.3235



73.8682, 0.3199, 0.3272



34.8209, 0.3105, 0.2920



16.1655, 0.3209, 0.3270



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.4420, 0.3364, 0.3235



58.1185, 0.3426, 0.3223



37.4955, 0.3384, 0.3422



8.5250, 0.3265, 0.3257



6.8324, 0.6173, 0.3174



0.2213, 0.5541, 0.2826

Inverse Universe

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



34.4420, 0.3364, 0.3235



58.1185, 0.3426, 0.3223



38.5069, 0.2898, 0.3154



8.5250, 0.3265, 0.3257



6.8324, 0.6173, 0.3174



0.2213, 0.5541, 0.2826

Previews

White Background



This preview shows how the Yxy color 34.4405, 0.3364, 0.3235 looks on a white background.

Color Contrast Check

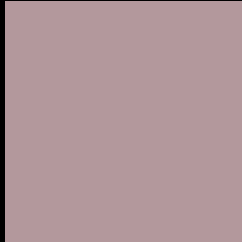
Large Text (above 18pt) WCAG AA × Fail

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 34.4405, 0.3364, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

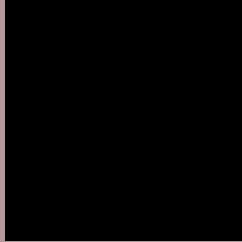
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4405, 0.3364, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 34.4405, 0.3364, 0.3235.



This preview shows how white text looks on a background with the Yxy color 34.4405, 0.3364, 0.3235.

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

34.4405, 0.3364, 0.3235

Protanopia

34.5340, 0.3147, 0.3275

Deuteranopia

34.6255, 0.3320, 0.3262



Tritanopia

34.4809, 0.3307, 0.3124

Trichromacy



Original Color

34.4405, 0.3364, 0.3235

Protanomaly

34.5704, 0.3227, 0.3261

Deuteranomaly

34.4129, 0.3332, 0.3248

Tritanomaly

34.3746, 0.3337, 0.3165

Monochromacy



Original Color

34.4405, 0.3364, 0.3235

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.2818, 0.3216, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4405, 0.3364, 0.3235 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(179, 152, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 152, 156)  
}
```

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(179, 152, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 152, 156) }
```

Border

The CSS property to change the border of an element to Yxy 34.4405, 0.3364, 0.3235 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(179, 152, 156) }
```

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

```
.border{ border-color:rgb(179, 152, 156) }
```

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

Here you see how a box with a 4 pixel rgb(179, 152, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 152, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 152, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 152,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4405, 0.3364, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 152, 156) }
```

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

```
.background{ background-color: rgb(179,  
152, 156) }
```

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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