

Converting Colors

$Y_{xy}(33.9239, 0.3502, 0.3181)$

Have a look what the booklet for
Yxy(33.9239, 0.3502, 0.3181)
contains.

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Color

Yxy(33.8715, 0.3502, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	BE929B
RGB	190, 146, 155
RGB Percent	75%, 57%, 61%
CMY	0.2549, 0.4274, 0.3921
CMYK	0.00, 0.23, 0.18, 0.25
HSL	348°, 25%, 66%
HSV	348°, 23%, 75%
XYZ	37.4307, 33.8715, 35.5816
YIQ	160.1820, 23.3350, 12.1270

Conversions

Conversions Part 2

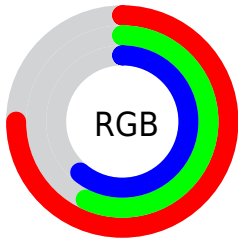
Format	Color
R_{YB}	190, 146, 155
Decimal	12489371
CIE _{Lab}	64.86, 17.96, 1.66
CIE _{LCh}	65, 18.034, 5.269
Yxy	33.8715, 0.3502, 0.3169
Android (android.graphics.Color)	4290679451 (0xFFBE929B)
YUV	160.1820, -2.5547, 26.1504
Hunter-Lab	58.1992, 12.9533, 4.4909

Details

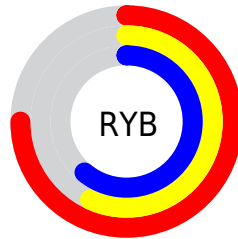
The Yxy color **33.8715, 0.3502, 0.3169** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2725, 0.2850, 0.3415**, and the grayscale version is **35.2472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6862, 0.3432, 0.3197**, and **14.4181, 0.3627, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **28.0175, 0.3729, 0.3114**, and if you desaturate by 10%, it is **40.7656, 0.3318, 0.3223**.

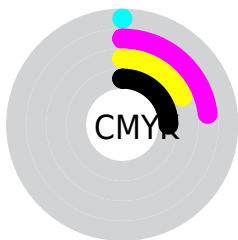
Distribution



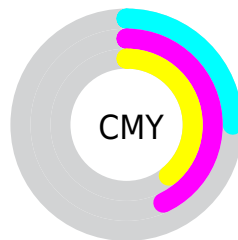
- Red (75%)
- Green (57%)
- Blue (61%)



- Red (75%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (25%)





- Cyan (25%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.8715, 0.3502, 0.3169 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 33.8715, 0.3502, 0.3169 by changing the saturation by 10% instead.

 33.8715, 0.3502,
0.3169


 33.8715, 0.3502,
0.3169


319.5587, 0.3304,
0.3234

 22.7949, 0.3555,
0.3151


 65.7338, 0.3427,
0.3194

 14.4421, 0.3626,
0.3128


 87.2883, 0.3400,
0.3203

 8.4288, 0.3724,
0.3094


113.1042, 0.3378,
0.3210

 4.3705, 0.3871,
0.3044

143.5659, 0.3358,
0.3216

 1.8829, 0.4112,
0.2959

179.0578, 0.3342,
0.3222

 0.5381, 0.4863,
0.2742

219.9643, 0.3328,

 0.0000, 0.0000,

0.3226

0.0000

266.6698, 0.3315,
0.3230

■ 33.8715, 0.3502,
0.3169

■ 33.8715, 0.3502,
0.3169

■ 28.0175, 0.3729,
0.3114

■ 40.7656, 0.3318,
0.3223

■ 23.1485, 0.4004,
0.3060

■ 48.7420, 0.3168,
0.3275

■ 19.2115, 0.4331,
0.3014

■ 57.8464, 0.3047,
0.3322

■ 16.1465, 0.4707,
0.2983

■ 68.1205, 0.2949,
0.3366

■ 13.8864, 0.5112,
0.2977

■ 79.6036, 0.2868,
0.3405

■ 12.3545, 0.5515,
0.3003

■ 89.0999, 0.2799,
0.3389

■ 11.4587, 0.5868,
0.3065

■ 89.6867, 0.2752,
0.3289

■ 11.0926, 0.6066,
0.3115

Harmonies

Analogous

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



33.8715, 0.3241, 0.2971



33.8715, 0.3502, 0.3169



33.8715, 0.3662, 0.3403

Triad

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



33.8715, 0.3502, 0.3169



33.8715, 0.3279, 0.3778



33.8715, 0.2611, 0.2933

Complementary

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



33.8715, 0.3502, 0.3169



46.2725, 0.2850, 0.3415

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.



33.8715, 0.2621, 0.3138



33.8715, 0.3502, 0.3169



33.8715, 0.2998, 0.3644

Square

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



33.8715, 0.3502, 0.3169



33.8715, 0.3527, 0.3764



33.8715, 0.2759, 0.3402



33.8715, 0.2731, 0.2833

Rectangle

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



33.8715, 0.3502, 0.3169



33.8715, 0.3685, 0.3553



33.8715, 0.2759, 0.3402



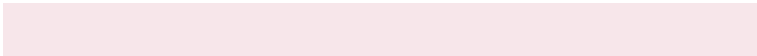
33.8715, 0.2599, 0.2991

Sweetspot

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



33.8730, 0.3502, 0.3169



82.3677, 0.3224, 0.3255



34.0360, 0.3061, 0.2706



17.8916, 0.3233, 0.3252



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.



33.8730, 0.3502, 0.3169



55.5333, 0.3616, 0.3140



37.6363, 0.3560, 0.3460



9.5675, 0.3257, 0.3243



7.3856, 0.6036, 0.3099



0.2989, 0.5374, 0.2734

Inverse Universe

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



33.8730, 0.3502, 0.3169



55.5333, 0.3616, 0.3140



41.4840, 0.2775, 0.3114



9.5675, 0.3257, 0.3243



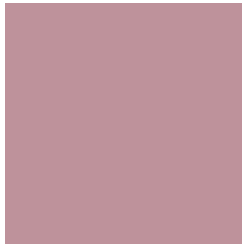
7.3856, 0.6036, 0.3099



0.2989, 0.5374, 0.2734

Previews

White Background



This preview shows how the Yxy color 33.8715, 0.3502, 0.3169 looks on a white background.

Color Contrast Check

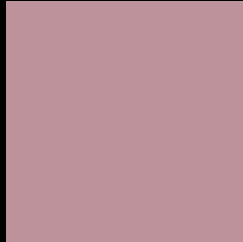
Large Text (above 18pt) WCAG AA × Fail

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 33.8715, 0.3502, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

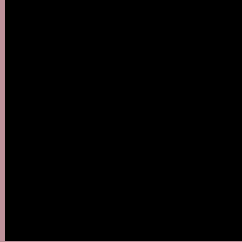
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.8715, 0.3502, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 33.8715, 0.3502, 0.3169.



This preview shows how white text looks on a background with the Yxy color 33.8715, 0.3502, 0.3169.

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

33.8715, 0.3502, 0.3169

Protanopia

34.0581, 0.3111, 0.3231

Deuteranopia

33.7882, 0.3332, 0.3262



Tritanopia

33.9392, 0.3481, 0.3142

Trichromacy



Original Color

33.8715, 0.3502, 0.3169

Protanomaly

33.8317, 0.3242, 0.3204

Deuteranomaly

33.8491, 0.3398, 0.3235

Tritanomaly

33.9052, 0.3492, 0.3156

Monochromacy



Original Color

33.8715, 0.3502, 0.3169

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.5692, 0.3259, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8715, 0.3502, 0.3169 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(190, 146, 155)` looks like.

```
.text, #text, p{  
    color:rgb(190, 146, 155)  
}
```

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(190, 146, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 146, 155) }
```

Border

The CSS property to change the border of an element to Yxy 33.8715, 0.3502, 0.3169 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(190, 146, 155) }
```

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

```
.border{ border-color:rgb(190, 146, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 146, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 146, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 146, 155);  
box-shadow:4px 4px 4px 4px rgb(190, 146,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8715, 0.3502, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 146, 155) }
```

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

```
.background{ background-color: rgb(190,  
146, 155) }
```

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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