

Converting Colors

$Yxy(36.0377, 0.3410, 0.3250)$

Have a look what the booklet for
Yxy(36.0377, 0.3410, 0.3250)
contains.

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Color

Yxy(35.8598, 0.3412, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	B99A9D
RGB	185, 154, 157
RGB Percent	73%, 60%, 62%
CMY	0.2745, 0.3960, 0.3844
CMYK	0.00, 0.17, 0.15, 0.27
HSL	354°, 18%, 66%
HSV	354°, 17%, 73%
XYZ	37.6473, 35.8598, 36.8308
YIQ	163.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

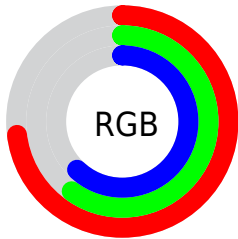
Format	Color
RYB	185, 154, 157
Decimal	12163741
CIELab	66.41, 11.97, 2.74
CIElCh	66, 12.281, 12.885
Yxy	35.8598, 0.3412, 0.3250
Android (<code>android.graphics.Color</code>)	4290353821 (<code>0xFFB99A9D</code>)
YUV	163.6110, -3.2592, 18.7582
Hunter-Lab	59.8831, 7.4240, 5.4521

Details

The Yxy color **35.8598, 0.3412, 0.3250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9447, 0.2899, 0.3331**, and the grayscale version is **36.9399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5660, 0.3350, 0.3248**, and **15.6466, 0.3507, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **29.6852, 0.3638, 0.3225**, and if you desaturate by 10%, it is **43.0568, 0.3230, 0.3274**.

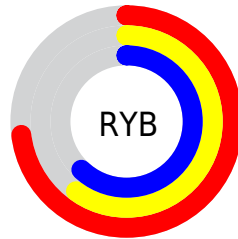
Distribution



Red (73%)

Green (60%)

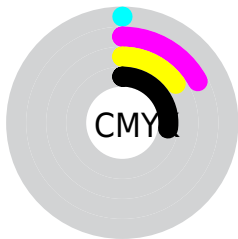
Blue (62%)



Red (73%)

Yellow (60%)

Blue (62%)

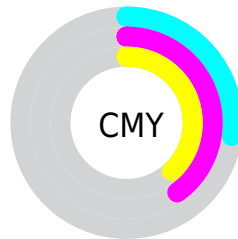


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8598, 0.3412, 0.3250 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 35.8598, 0.3412, 0.3250 by changing the saturation by 10% instead.

 35.8598, 0.3412,
0.3250

 35.8598, 0.3412,
0.3250


328.3473, 0.3263,
0.3272

 24.3259, 0.3452,
0.3244


 68.8156, 0.3356,
0.3259

 15.5756, 0.3504,
0.3235


 91.0064, 0.3336,
0.3262

 9.2243, 0.3577,
0.3223


117.5182, 0.3318,
0.3264

 4.8878, 0.3684,
0.3204

148.7355, 0.3304,
0.3266

 2.1816, 0.3858,
0.3172

185.0427, 0.3291,
0.3268

 0.7099, 0.4298,
0.3135

226.8241, 0.3281,

 0.0000, 0.0000,

0.3270

0.0000

274.4642, 0.3271,
0.3271

■ 35.8598, 0.3412,
0.3250

■ 35.8598, 0.3412,
0.3250

■ 29.6852, 0.3638,
0.3225

■ 43.0568, 0.3230,
0.3274

■ 24.4822, 0.3917,
0.3199

■ 51.3147, 0.3083,
0.3297

■ 20.2027, 0.4255,
0.3176

■ 60.6756, 0.2965,
0.3318

■ 16.7925, 0.4652,
0.3159

■ 71.1782, 0.2869,
0.3337

■ 14.1922, 0.5091,
0.3153

■ 82.8592, 0.2790,
0.3354

■ 12.3344, 0.5538,
0.3162

■ 89.0537, 0.2726,
0.3289

■ 11.1411, 0.5934,
0.3190

■ 10.5070, 0.6220,
0.3231

■ 10.3567, 0.6291,
0.3239

Harmonies

Analogous

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



35.8598, 0.3252, 0.3104



35.8598, 0.3412, 0.3250



35.8598, 0.3494, 0.3410

Triad

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



35.8598, 0.3412, 0.3250



35.8598, 0.3184, 0.3597



35.8598, 0.2790, 0.3027

Complementary

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



35.8598, 0.3412, 0.3250



44.9447, 0.2899, 0.3331

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.



35.8598, 0.2774, 0.3152



35.8598, 0.3412, 0.3250



35.8598, 0.2997, 0.3488

Square

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



35.8598, 0.3412, 0.3250



35.8598, 0.3359, 0.3617



35.8598, 0.2849, 0.3322



35.8598, 0.2894, 0.2976

Rectangle

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



35.8598, 0.3412, 0.3250



35.8598, 0.3492, 0.3506



35.8598, 0.2849, 0.3322



35.8598, 0.2775, 0.3062

Sweetspot

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



35.8614, 0.3412, 0.3250



79.4527, 0.3203, 0.3278



36.5488, 0.3117, 0.2878



16.9168, 0.3214, 0.3277



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.8614, 0.3412, 0.3250



60.0693, 0.3487, 0.3241



40.0661, 0.3414, 0.3459



9.0259, 0.3273, 0.3268



7.0575, 0.6272, 0.3229



0.2535, 0.5832, 0.2986

Inverse Universe

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



35.8614, 0.3412, 0.3250



60.0693, 0.3487, 0.3241



40.1074, 0.2870, 0.3115



9.0259, 0.3273, 0.3268



7.0575, 0.6272, 0.3229



0.2535, 0.5832, 0.2986

Previews

White Background



This preview shows how the Yxy color 35.8598, 0.3412, 0.3250 looks on a white background.

Color Contrast Check

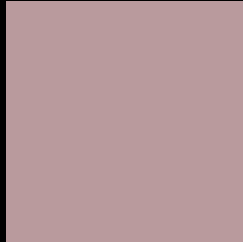
Large Text (above 18pt) WCAG AA × Fail

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 35.8598, 0.3412, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

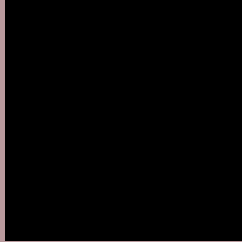
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8598, 0.3412, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 35.8598, 0.3412, 0.3250.



This preview shows how white text looks on a background with the Yxy color 35.8598, 0.3412, 0.3250.

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

35.8598, 0.3412, 0.3250

Protanopia

36.0623, 0.3165, 0.3290

Deuteranopia

35.7950, 0.3347, 0.3277



Tritanopia

35.9382, 0.3345, 0.3128

Trichromacy



Original Color

35.8598, 0.3412, 0.3250

Protanomaly

35.7624, 0.3246, 0.3262

Deuteranomaly

35.7008, 0.3369, 0.3263

Tritanomaly

35.8302, 0.3375, 0.3169

Monochromacy



Original Color

35.8598, 0.3412, 0.3250

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.4855, 0.3234, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8598, 0.3412, 0.3250 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(185, 154, 157)` looks like.

```
.text, #text, p{  
    color:rgb(185, 154, 157)  
}
```

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(185, 154, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 154, 157) }
```

Border

The CSS property to change the border of an element to Yxy 35.8598, 0.3412, 0.3250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

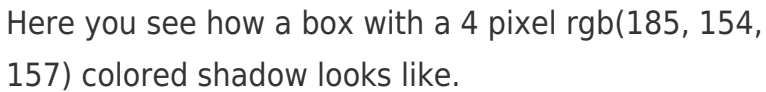
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 154, 157) }
```

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

```
.border{ border-color:rgb(185, 154, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 154, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 154, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 154, 157); box-shadow:4px 4px 4px 4px rgb(185, 154, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8598, 0.3412, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 154, 157) }
```

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

```
.background{ background-color: rgb(185,  
154, 157) }
```

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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