

Converting Colors

$Yxy(36.3390, 0.3409, 0.3153)$

Have a look what the booklet for
Yxy(36.3390, 0.3409, 0.3153)
contains.

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Color

Yxy(36.3740, 0.3406, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	BE99A3
RGB	190, 153, 163
RGB Percent	75%, 60%, 64%
CMY	0.2548, 0.4000, 0.3608
CMYK	0.00, 0.19, 0.14, 0.25
HSL	344°, 22%, 67%
HSV	344°, 19%, 75%
XYZ	39.2429, 36.3740, 39.6001
YIQ	165.2030, 18.8420, 10.9540

Conversions

Conversions Part 2

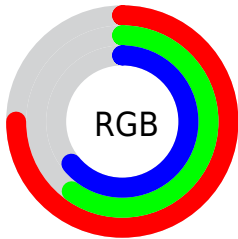
Format	Color
R_{YB}	190, 153, 163
Decimal	12491171
CIE _{Lab}	66.80, 15.40, 0.01
CIE _{LCh}	67, 15.398, 0.022
Yxy	36.3740, 0.3406, 0.3157
Android (android.graphics.Color)	4290681251 (0xFFBE99A3)
YUV	165.2030, -1.0861, 21.7470
Hunter-Lab	60.3109, 10.6019, 3.2878

Details

The Yxy color **36.3740, 0.3406, 0.3157** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9094, 0.2908, 0.3428**, and the grayscale version is **37.7297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4618, 0.3353, 0.3177**, and **15.8847, 0.3497, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **30.1725, 0.3598, 0.3084**, and if you desaturate by 10%, it is **43.6239, 0.3249, 0.3227**.

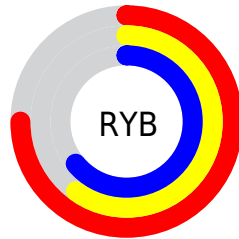
Distribution



Red (75%)

Green (60%)

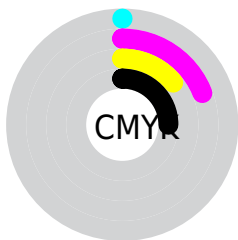
Blue (64%)



Red (75%)

Yellow (60%)

Blue (64%)

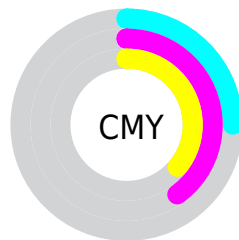


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3740, 0.3406, 0.3157 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 36.3740, 0.3406, 0.3157 by changing the saturation by 10% instead.


 36.3740, 0.3406,
0.3157


 36.3740, 0.3406,
0.3157


330.5923, 0.3261,
0.3226

 24.7232, 0.3444,
0.3139


 69.6089, 0.3352,
0.3183

 15.8709, 0.3495,
0.3115


 91.9618, 0.3332,
0.3192

 9.4329, 0.3564,
0.3081


118.6509, 0.3315,
0.3200

 5.0246, 0.3666,
0.3033

150.0605, 0.3301,
0.3207

 2.2617, 0.3829,
0.2955

186.5751, 0.3289,
0.3213

 0.7533, 0.4153,
0.2800

228.5789, 0.3278,

 0.0000, 1.0000,

0.3218

0.0000

276.4565, 0.3269,
0.3222

0.0000, 0.0000,
0.0000

36.3740, 0.3406,
0.3157

36.3740, 0.3406,
0.3157

30.1725, 0.3598,
0.3084

43.6239, 0.3249,
0.3227

24.9661, 0.3832,
0.3012

51.9628, 0.3121,
0.3293

20.7038, 0.4112,
0.2946

61.4348, 0.3017,
0.3354

17.3286, 0.4437,
0.2893

72.0805, 0.2932,
0.3410

14.7768, 0.4799,
0.2864

83.9382, 0.2863,
0.3461

■ 12.9764, 0.5179,
0.2871

■ 89.1391, 0.2796,
0.3383

■ 11.8427, 0.5541,
0.2920

■ 89.6914, 0.2752,
0.3289

■ 11.2205, 0.5855,
0.3003

■ 11.1932, 0.5870,
0.3007

Harmonies

Analogous

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



36.3740, 0.3181, 0.2998



36.3740, 0.3406, 0.3157



36.3740, 0.3557, 0.3352

Triad

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



36.3740, 0.3406, 0.3157



36.3740, 0.3295, 0.3701



36.3740, 0.2687, 0.3018

Complementary

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



36.3740, 0.3406, 0.3157



46.9094, 0.2908, 0.3428

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.



36.3740, 0.2715, 0.3202



36.3740, 0.3406, 0.3157



36.3740, 0.3061, 0.3610

Square

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



36.3740, 0.3406, 0.3157



36.3740, 0.3490, 0.3672



36.3740, 0.2850, 0.3423



36.3740, 0.2770, 0.2915

Rectangle

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



36.3740, 0.3406, 0.3157



36.3740, 0.3592, 0.3482



36.3740, 0.2850, 0.3423



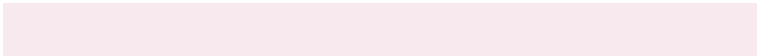
36.3740, 0.2684, 0.3072

Sweetspot

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



36.3756, 0.3406, 0.3157



83.9243, 0.3203, 0.3250



36.1472, 0.3050, 0.2798



18.2155, 0.3211, 0.3246



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.



36.3756, 0.3406, 0.3157



61.3117, 0.3476, 0.3129



38.7471, 0.3486, 0.3399



9.5776, 0.3247, 0.3228



7.4514, 0.5837, 0.2989



0.3032, 0.5132, 0.2601

Inverse Universe

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



36.3756, 0.3406, 0.3157



61.3117, 0.3476, 0.3129



43.9498, 0.2832, 0.3179



9.5776, 0.3247, 0.3228



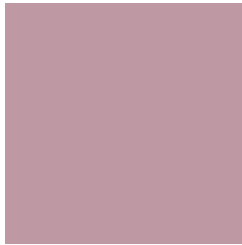
7.4514, 0.5837, 0.2989



0.3032, 0.5132, 0.2601

Previews

White Background



This preview shows how the Yxy color 36.3740, 0.3406, 0.3157 looks on a white background.

Color Contrast Check

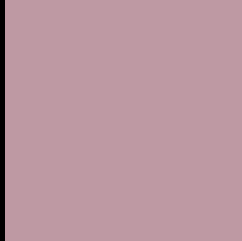
Large Text (above 18pt) WCAG AA × Fail

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 36.3740, 0.3406, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

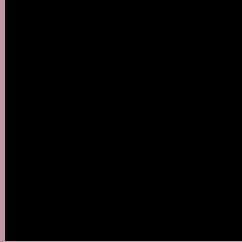
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3740, 0.3406, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 36.3740, 0.3406, 0.3157.



This preview shows how white text looks on a background with the Yxy color 36.3740, 0.3406, 0.3157.

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

36.3740, 0.3406, 0.3157

Protanopia

36.5603, 0.3094, 0.3204

Deuteranopia

36.6461, 0.3296, 0.3235



Tritanopia

36.4462, 0.3386, 0.3131

Trichromacy



Original Color

36.3740, 0.3406, 0.3157

Protanomaly

36.4337, 0.3199, 0.3192

Deuteranomaly

36.4528, 0.3339, 0.3209

Tritanomaly

36.4100, 0.3396, 0.3144

Monochromacy



Original Color

36.3740, 0.3406, 0.3157

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1687, 0.3225, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3740, 0.3406, 0.3157 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, 153, 163)` looks like.

```
.text, #text, p{  
    color:rgb(190, 153, 163)  
}
```

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, 153, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 153, 163) }
```

Border

The CSS property to change the border of an element to Yxy 36.3740, 0.3406, 0.3157 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, 153, 163) }
```

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

```
.border{ border-color:rgb(190, 153, 163) }
```

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

Here you see how a box with a 4 pixel rgb(190, 153, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 153, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 153, 163);  
box-shadow:4px 4px 4px 4px rgb(190, 153,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3740, 0.3406, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 153, 163) }
```

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

```
.background{ background-color: rgb(190,  
153, 163) }
```

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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