

Converting Colors

Yxy(34.0854, 0.3199, 0.3049)

Have a look what the booklet for
Yxy(34.0854, 0.3199, 0.3049)
contains.

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Color

Yxy(33.9590, 0.3198, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	AE97A8
RGB	174, 151, 168
RGB Percent	68%, 59%, 66%
CMY	0.3178, 0.4078, 0.3412
CMYK	0.00, 0.13, 0.03, 0.32
HSL	316°, 12%, 64%
HSV	316°, 13%, 68%
XYZ	35.5835, 33.9590, 41.7255
YIQ	159.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

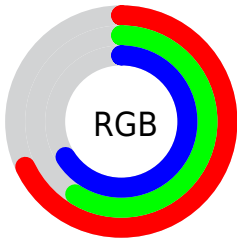
Format	Color
RYB	174, 151, 168
Decimal	11442088
CIELab	64.93, 11.53, -5.74
CIELCh	65, 12.875, 333.544
Yxy	33.9590, 0.3198, 0.3052
Android (android.graphics.Color)	4289632168 (0xFFAE97A8)
YUV	159.8150, 4.0352, 12.4402
Hunter-Lab	58.2744, 7.0156, -1.6607

Details

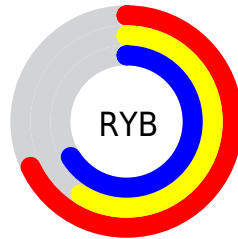
The Yxy color **33.9590, 0.3198, 0.3052** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2717, 0.3063, 0.3540**, and the grayscale version is **35.0415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8134, 0.3189, 0.3097**, and **14.4402, 0.3214, 0.2976** is the 20% darker color. If you saturate the color by 10%, you get **28.6018, 0.3262, 0.2864**, and if you desaturate by 10%, it is **40.1513, 0.3143, 0.3234**.

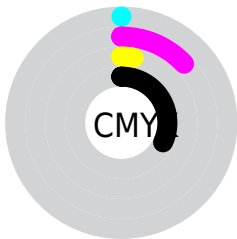
Distribution



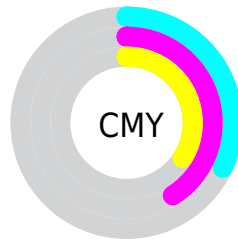
- Red (68%)
- Green (59%)
- Blue (66%)



- Red (68%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (32%)





- Cyan (32%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9590, 0.3198, 0.3052 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 33.9590, 0.3198, 0.3052 by changing the saturation by 10% instead.

 33.9590, 0.3198,
0.3052

 33.9590, 0.3198,
0.3052


319.9492, 0.3162,
0.3175

 22.8621, 0.3207,
0.3020


 65.8699, 0.3185,
0.3098

 14.4917, 0.3219,
0.2978


 87.4527, 0.3180,
0.3115

 8.4635, 0.3236,
0.2920


113.2996, 0.3176,
0.3129

 4.3929, 0.3260,
0.2836

143.7950, 0.3172,
0.3141

 1.8957, 0.3296,
0.2704

179.3232, 0.3169,
0.3151

 0.5458, 0.3417,
0.2331

220.2687, 0.3166,

 0.0000, 0.0000,

0.3160

0.0000

267.0159, 0.3164,
0.3168

■ 33.9590, 0.3198,
0.3052

■ 33.9590, 0.3198,
0.3052

■ 28.6018, 0.3262,
0.2864

■ 40.1513, 0.3143,
0.3234

■ 24.0391, 0.3336,
0.2675

■ 47.2080, 0.3096,
0.3407

■ 20.2337, 0.3419,
0.2492

■ 55.1628, 0.3057,
0.3568

■ 17.1434, 0.3511,
0.2322

■ 64.0459, 0.3023,
0.3719

■ 14.7222, 0.3610,
0.2176

■ 73.8863, 0.2995,
0.3857

■ 12.9185, 0.3714,
0.2064

■ 84.4595, 0.2972,
0.3980

■ 11.6732, 0.3820,
0.1994

■ 84.6671, 0.2949,
0.3926

■ 10.9155, 0.3924,
0.1971

■ 84.8811, 0.2925,
0.3872

■ 10.5732, 0.3994,
0.1974

■ 85.1013, 0.2902,
0.3818

Harmonies

Analogous

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



33.9590, 0.2997, 0.2968



33.9590, 0.3198, 0.3052



33.9590, 0.3385, 0.3195

Triad

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



33.9590, 0.3198, 0.3052



33.9590, 0.3422, 0.3625



33.9590, 0.2765, 0.3195

Complementary

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



33.9590, 0.3198, 0.3052



39.2717, 0.3063, 0.3540

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.



33.9590, 0.2872, 0.3382



33.9590, 0.3198, 0.3052



33.9590, 0.3249, 0.3636

Square

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



33.9590, 0.3198, 0.3052



33.9590, 0.3516, 0.3523



33.9590, 0.3048, 0.3547



33.9590, 0.2752, 0.3043

Rectangle

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



33.9590, 0.3198, 0.3052



33.9590, 0.3474, 0.3308



33.9590, 0.3048, 0.3547



33.9590, 0.2791, 0.3256

Sweetspot

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



33.9605, 0.3198, 0.3052



71.8132, 0.3147, 0.3218



32.3369, 0.2975, 0.2955



15.7660, 0.3151, 0.3205



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



33.9605, 0.3198, 0.3052



58.4634, 0.3217, 0.2994



33.5592, 0.3307, 0.3209



8.1120, 0.3176, 0.3124



7.6827, 0.3983, 0.1968



0.2220, 0.3703, 0.1814

Inverse Universe

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



33.9605, 0.3198, 0.3052



58.4634, 0.3217, 0.2994



39.6737, 0.2974, 0.3373



8.1120, 0.3176, 0.3124



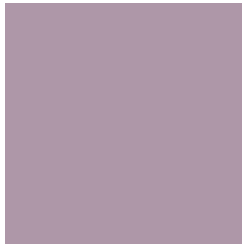
7.6827, 0.3983, 0.1968



0.2220, 0.3703, 0.1814

Previews

White Background



This preview shows how the Yxy color 33.9590, 0.3198, 0.3052 looks on a white background.

Color Contrast Check

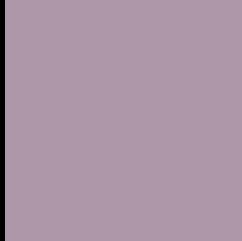
Large Text (above 18pt) WCAG AA × Fail

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 33.9590, 0.3198, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

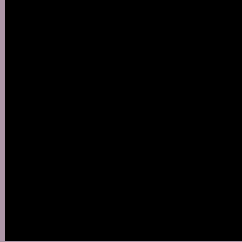
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9590, 0.3198, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 33.9590, 0.3198, 0.3052.



This preview shows how white text looks on a background with the Yxy color 33.9590, 0.3198, 0.3052.

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

33.9590, 0.3198, 0.3052

Protanopia

34.1221, 0.2994, 0.3085

Deuteranopia

33.9344, 0.3137, 0.3076



Tritanopia

34.0210, 0.3225, 0.3121

Trichromacy



Original Color

33.9590, 0.3198, 0.3052

Protanomaly

34.1315, 0.3069, 0.3074

Deuteranomaly

33.8297, 0.3158, 0.3063

Tritanomaly

34.0573, 0.3216, 0.3107

Monochromacy



Original Color

33.9590, 0.3198, 0.3052

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.7576, 0.3151, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9590, 0.3198, 0.3052 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(174, 151, 168)` looks like.

```
.text, #text, p{  
    color:rgb(174, 151, 168)  
}
```

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(174, 151, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 151, 168) }
```

Border

The CSS property to change the border of an element to Yxy 33.9590, 0.3198, 0.3052 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(174, 151, 168) }
```

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

```
.border{ border-color:rgb(174, 151, 168) }
```

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

Here you see how a box with a 4 pixel rgb(174, 151, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 151, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 151, 168);  
box-shadow:4px 4px 4px 4px rgb(174, 151,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9590, 0.3198, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 151, 168) }
```

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

```
.background{ background-color: rgb(174,  
151, 168) }
```

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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