

Converting Colors

$Yxy(34.9165, 0.3469, 0.3134)$

Have a look what the booklet for
Yxy(34.9165, 0.3469, 0.3134)
contains.

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Color

Yxy(34.9243, 0.3467, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	C094A0
RGB	192, 148, 160
RGB Percent	75%, 58%, 63%
CMY	0.2470, 0.4196, 0.3727
CMYK	0.00, 0.23, 0.17, 0.25
HSL	344°, 26%, 67%
HSV	344°, 23%, 75%
XYZ	38.6722, 34.9243, 37.9471
YIQ	162.5240, 22.3720, 13.0600

Conversions

Conversions Part 2

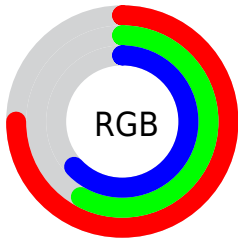
Format	Color
RYB	192, 148, 160
Decimal	12620960
CIELab	65.69, 18.39, 0.10
CIElCh	66, 18.391, 0.306
Yxy	34.9243, 0.3467, 0.3131
Android (android.graphics.Color)	4290811040 (0xFFC094A0)
YUV	162.5240, -1.2443, 25.8505
Hunter-Lab	59.0968, 13.3887, 3.2966

Details

The Yxy color **34.9243, 0.3467, 0.3131** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.2951, 0.2872, 0.3456**, and the grayscale version is **36.3883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2871, 0.3398, 0.3156**, and **15.0568, 0.3573, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **28.9315, 0.3673, 0.3057**, and if you desaturate by 10%, it is **41.9744, 0.3299, 0.3203**.

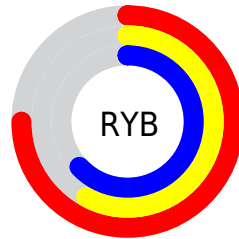
Distribution



Red (75%)

Green (58%)

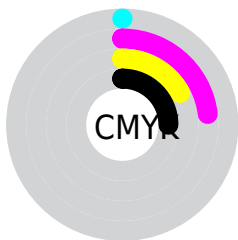
Blue (63%)



Red (75%)

Yellow (58%)

Blue (63%)

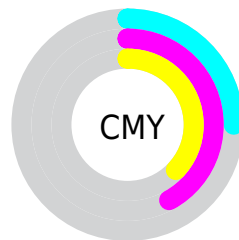


Cyan (0%)

Magenta (23%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9243, 0.3467, 0.3131 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 34.9243, 0.3467, 0.3131 by changing the saturation by 10% instead.


 34.9243, 0.3467,
0.3131


 34.9243, 0.3467,
0.3131


324.2341, 0.3289,
0.3215

 23.6046, 0.3514,
0.3109


 67.3685, 0.3400,
0.3162

 15.0405, 0.3577,
0.3079


 89.2617, 0.3376,
0.3174

 8.8478, 0.3664,
0.3039


115.4482, 0.3355,
0.3183

 4.6421, 0.3792,
0.2978

146.3125, 0.3338,
0.3192

 2.0388, 0.4000,
0.2881

182.2388, 0.3323,
0.3199

 0.6299, 0.4486,
0.2654


223.6115, 0.3310,


 0.0000, 0.0000,


0.3205

0.0000


270.8152, 0.3299,
0.3210

 34.9243, 0.3467,
0.3131

 34.9243, 0.3467,
0.3131


 28.9315, 0.3673,
0.3057


 41.9744, 0.3299,
0.3203


 23.9403, 0.3921,
0.2986


 50.1245, 0.3162,
0.3271


 19.8967, 0.4216,
0.2923

 59.4209, 0.3051,
0.3334

 16.7402, 0.4555,
0.2877

 69.9059, 0.2960,
0.3392

 14.4030, 0.4926,
0.2859

 81.6193, 0.2886,
0.3445

■ 12.8072, 0.5303,
0.2879

■ 89.2494, 0.2819,
0.3408

■ 11.8598, 0.5650,
0.2944

■ 89.9472, 0.2762,
0.3289

■ 11.4571, 0.5865,
0.3005

Harmonies

Analogous

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



34.9243, 0.3194, 0.2941



34.9243, 0.3467, 0.3131



34.9243, 0.3650, 0.3364

Triad

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



34.9243, 0.3467, 0.3131



34.9243, 0.3326, 0.3791



34.9243, 0.2598, 0.2957

Complementary

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



34.9243, 0.3467, 0.3131



47.2951, 0.2872, 0.3456

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.



34.9243, 0.2631, 0.3178



34.9243, 0.3467, 0.3131



34.9243, 0.3042, 0.3679

Square

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



34.9243, 0.3467, 0.3131



34.9243, 0.3563, 0.3752



34.9243, 0.2790, 0.3448



34.9243, 0.2699, 0.2837

Rectangle

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



34.9243, 0.3467, 0.3131



34.9243, 0.3691, 0.3520



34.9243, 0.2790, 0.3448



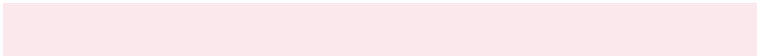
34.9243, 0.2594, 0.3022

Sweetspot

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



34.9259, 0.3467, 0.3131



84.3722, 0.3216, 0.3243



34.6357, 0.3034, 0.2707



17.9074, 0.3224, 0.3239



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.



34.9259, 0.3467, 0.3131



58.1431, 0.3555, 0.3098



37.6422, 0.3564, 0.3419



10.1219, 0.3247, 0.3228



7.7203, 0.5833, 0.2987



0.3456, 0.5175, 0.2625

Inverse Universe

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



34.9259, 0.3467, 0.3131



58.1431, 0.3555, 0.3098



43.7521, 0.2782, 0.3157



10.1219, 0.3247, 0.3228



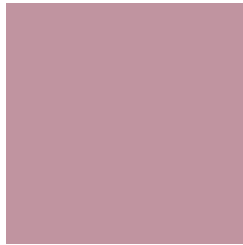
7.7203, 0.5833, 0.2987



0.3456, 0.5175, 0.2625

Previews

White Background



This preview shows how the Yxy color 34.9243, 0.3467, 0.3131 looks on a white background.

Color Contrast Check

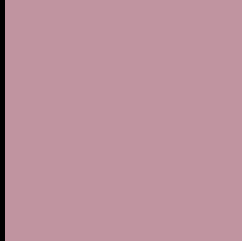
Large Text (above 18pt) WCAG AA × Fail

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 34.9243, 0.3467, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

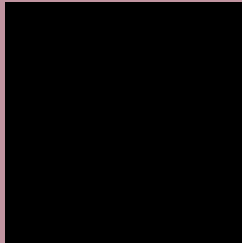
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9243, 0.3467, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 34.9243, 0.3467, 0.3131.



This preview shows how white text looks on a background with the Yxy color 34.9243, 0.3467, 0.3131.

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

34.9243, 0.3467, 0.3131

Protanopia

35.1265, 0.3084, 0.3188

Deuteranopia

35.1760, 0.3299, 0.3234



Tritanopia

34.9243, 0.3467, 0.3131

Trichromacy



Original Color

34.9243, 0.3467, 0.3131

Protanomaly

34.8937, 0.3212, 0.3163

Deuteranomaly

34.9048, 0.3365, 0.3194

Tritanomaly

34.9243, 0.3467, 0.3131

Monochromacy



Original Color

34.9243, 0.3467, 0.3131

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0610, 0.3247, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9243, 0.3467, 0.3131 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(192, 148, 160)` looks like.

```
.text, #text, p{  
    color:rgb(192, 148, 160)  
}
```

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(192, 148, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 148, 160) }
```

Border

The CSS property to change the border of an element to Yxy 34.9243, 0.3467, 0.3131 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(192, 148, 160) }
```

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

```
.border{ border-color:rgb(192, 148, 160) }
```

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

Here you see how a box with a 4 pixel rgb(192, 148, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 148, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 148, 160);  
box-shadow:4px 4px 4px 4px rgb(192, 148,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9243, 0.3467, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 148, 160) }
```

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

```
.background{ background-color: rgb(192,  
148, 160) }
```

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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