

Converting Colors

$Yxy(34.9909, 0.3074, 0.3104)$

Have a look what the booklet for
Yxy(34.9909, 0.3074, 0.3104)
contains.

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Color

Yxy(34.9087, 0.3078, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	A49DAA
RGB	164, 157, 170
RGB Percent	64%, 62%, 67%
CMY	0.3570, 0.3843, 0.3334
CMYK	0.04, 0.08, 0.00, 0.33
HSL	272°, 7%, 64%
HSV	272°, 8%, 67%
XYZ	34.6163, 34.9087, 42.9386
YIQ	160.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

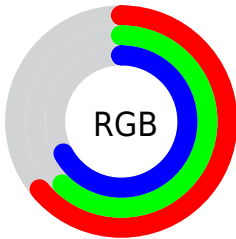
Format	Color
RYB	164, 157, 170
Decimal	10788266
CIELab	65.68, 5.01, -5.84
CIELCh	66, 7.695, 310.616
Yxy	34.9087, 0.3078, 0.3104
Android (android.graphics.Color)	4288978346 (0xFFA49DAA)
YUV	160.5750, 4.6465, 3.0037
Hunter-Lab	59.0836, 1.1845, -1.7301

Details

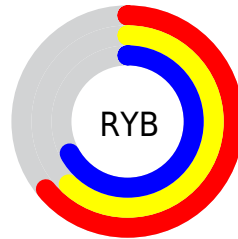
The Yxy color **34.9087, 0.3078, 0.3104** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9716, 0.3173, 0.3477**, and the grayscale version is **35.4099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5833, 0.3090, 0.3148**, and **15.0608, 0.3057, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **28.7382, 0.3004, 0.2843**, and if you desaturate by 10%, it is **41.9346, 0.3141, 0.3345**.

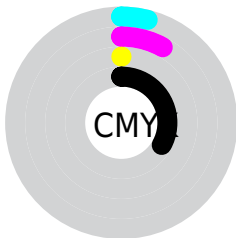
Distribution



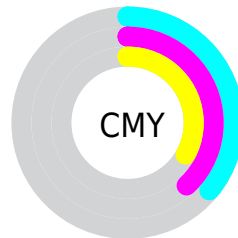
- Red (64%)
- Green (62%)
- Blue (67%)



- Red (64%)
- Yellow (62%)
- Blue (67%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)




- Cyan (36%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9087, 0.3078, 0.3104 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 34.9087, 0.3078, 0.3104 by changing the saturation by 10% instead.


 34.9087, 0.3078,
0.3104


 34.9087, 0.3078,
0.3104


324.1652, 0.3104,
0.3201

 23.5926, 0.3071,
0.3079


 67.3443, 0.3088,
0.3140

 15.0317, 0.3061,
0.3046


 89.2326, 0.3092,
0.3153

 8.8416, 0.3048,
0.3000


115.4136, 0.3095,
0.3164

 4.6380, 0.3028,
0.2934

146.2719, 0.3097,
0.3174

 2.0365, 0.2995,
0.2828

182.1918, 0.3099,
0.3182

 0.6285, 0.2941,
0.2569

223.5577, 0.3101,

 0.0000, 0.0000,

0.3189

0.0000

270.7540, 0.3103,
0.3195

■ 34.9087, 0.3078,
0.3104

■ 34.9087, 0.3078,
0.3104

■ 28.7382, 0.3004,
0.2843

■ 41.9346, 0.3141,
0.3345

■ 23.3849, 0.2918,
0.2567

■ 49.8434, 0.3194,
0.3566

■ 18.8142, 0.2820,
0.2280

■ 58.6666, 0.3239,
0.3765

■ 14.9872, 0.2712,
0.1992

■ 68.4331, 0.3275,
0.3944

■ 11.8617, 0.2596,
0.1714

■ 79.1704, 0.3306,
0.4105

■ 9.3910, 0.2474,
0.1461

■ 88.3191, 0.3337,
0.4212

■ 7.5226, 0.2352,
0.1244

■ 89.5161, 0.3389,
0.4197

■ 6.1954, 0.2234,
0.1075

■ 90.7713, 0.3442,
0.4181

■ 5.3125, 0.2125,
0.0956

■ 92.0853, 0.3495,
0.4165

Harmonies

Analogous

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



34.9087, 0.2973, 0.3090



34.9087, 0.3078, 0.3104



34.9087, 0.3198, 0.3165

Triad

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



34.9087, 0.3078, 0.3104



34.9087, 0.3349, 0.3448



34.9087, 0.2956, 0.3319

Complementary

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



34.9087, 0.3078, 0.3104



38.9716, 0.3173, 0.3477

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.



34.9087, 0.3054, 0.3421



34.9087, 0.3078, 0.3104



34.9087, 0.3281, 0.3494

Square

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



34.9087, 0.3078, 0.3104



34.9087, 0.3356, 0.3361



34.9087, 0.3173, 0.3485



34.9087, 0.2904, 0.3212

Rectangle

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



34.9087, 0.3078, 0.3104



34.9087, 0.3270, 0.3225



34.9087, 0.3173, 0.3485



34.9087, 0.2985, 0.3355

Sweetspot

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



34.9102, 0.3078, 0.3104



70.2876, 0.3115, 0.3242



36.2912, 0.3012, 0.3189



15.7064, 0.3115, 0.3244



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



34.9102, 0.3078, 0.3104



61.5355, 0.3067, 0.3065



35.5500, 0.3140, 0.3113



7.4909, 0.3067, 0.3062



3.8068, 0.2111, 0.0937



0.1226, 0.2472, 0.1135

Inverse Universe

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



35.3102, 0.3199, 0.3205



62.4032, 0.3215, 0.3187



38.3653, 0.3115, 0.3473



7.5981, 0.3216, 0.3186



6.7122, 0.5071, 0.2567



0.1737, 0.4306, 0.2146

Previews

White Background



This preview shows how the Yxy color 34.9087, 0.3078, 0.3104 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 34.9087, 0.3078, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

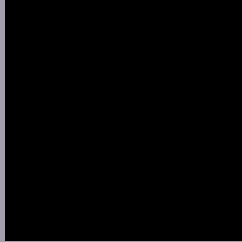
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

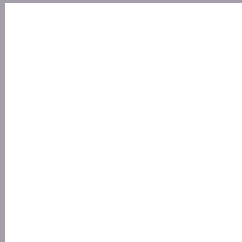
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.9087, 0.3078, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 34.9087, 0.3078, 0.3104.

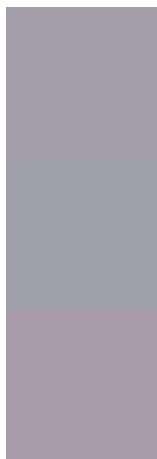


This preview shows how white text looks on a background with the Yxy color 34.9087, 0.3078, 0.3104.

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

34.9087, 0.3078, 0.3104

Protanopia

35.1075, 0.3022, 0.3116

Deuteranopia

34.8910, 0.3137, 0.3079



Tritanopia

34.8710, 0.3087, 0.3118

Trichromacy



Original Color

34.9087, 0.3078, 0.3104

Protanomaly

34.9711, 0.3041, 0.3103

Deuteranomaly

35.0040, 0.3117, 0.3092

Tritanomaly

34.8710, 0.3087, 0.3118

Monochromacy



Original Color

34.9087, 0.3078, 0.3104

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.5033, 0.3111, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9087, 0.3078, 0.3104 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(164, 157, 170)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 170)  
}
```

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(164, 157, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 170) }
```

Border

The CSS property to change the border of an element to Yxy 34.9087, 0.3078, 0.3104 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(164, 157, 170) }
```

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

```
.border{ border-color:rgb(164, 157, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 170);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9087, 0.3078, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 170) }
```

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

```
.background{ background-color: rgb(164,  
157, 170) }
```

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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