

Converting Colors

$Y_{xy}(34.8979, 0.3102, 0.3180)$

Have a look what the booklet for
Yxy(34.8979, 0.3102, 0.3180)
contains.

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Color

Yxy(34.8883, 0.3094, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	A29EA6
RGB	162, 158, 166
RGB Percent	64%, 62%, 65%
CMY	0.3647, 0.3804, 0.3490
CMYK	0.02, 0.05, 0.00, 0.35
HSL	270°, 4%, 64%
HSV	270°, 5%, 65%
XYZ	34.0089, 34.8883, 41.0218
YIQ	160.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

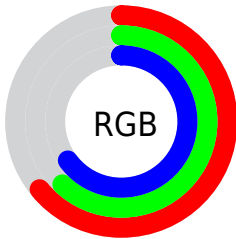
Format	Color
RYB	162, 158, 166
Decimal	10657446
CIELab	65.66, 2.98, -3.65
CIELCh	66, 4.713, 309.182
Yxy	34.8883, 0.3094, 0.3174
Android (android.graphics.Color)	4288847526 (0xFFA29EA6)
YUV	160.1080, 2.9048, 1.6593
Hunter-Lab	59.0663, -0.5901, 0.1693

Details

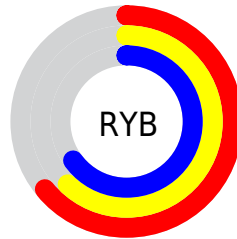
The Yxy color **34.8883, 0.3094, 0.3174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4286, 0.3159, 0.3406**, and the grayscale version is **35.1929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5607, 0.3102, 0.3202**, and **15.0453, 0.3079, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **28.7591, 0.3017, 0.2918**, and if you desaturate by 10%, it is **41.8435, 0.3160, 0.3409**.

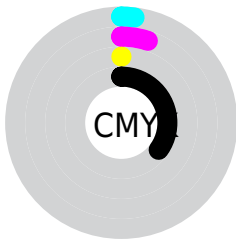
Distribution



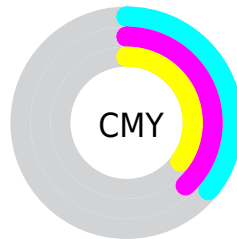
- Red (64%)
- Green (62%)
- Blue (65%)



- Red (64%)
- Yellow (62%)
- Blue (65%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.8883, 0.3094, 0.3174 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 34.8883, 0.3094, 0.3174 by changing the saturation by 10% instead.

■ 34.8883, 0.3094,
0.3174

■ 34.8883, 0.3094,
0.3174

■ 324.0750, 0.3112,
0.3235

■ 23.5768, 0.3089,
0.3158

■ 67.3127, 0.3101,
0.3197

■ 15.0200, 0.3083,
0.3137

■ 89.1944, 0.3103,
0.3205

■ 8.8334, 0.3074,
0.3108

■ 115.3684, 0.3105,
0.3212

■ 4.6327, 0.3061,
0.3066

■ 146.2189, 0.3107,
0.3218

■ 2.0334, 0.3039,
0.2997

■ 182.1304, 0.3108,
0.3223

■ 0.6268, 0.2993,
0.2807

■ 223.4874, 0.3109,

■ 0.0000, 0.0000,

0.3227

0.0000

270.6741, 0.3111,
0.3231

■ 34.8883, 0.3094,
0.3174

■ 34.8883, 0.3094,
0.3174

■ 28.7591, 0.3017,
0.2918

■ 41.8435, 0.3160,
0.3409

■ 23.4197, 0.2927,
0.2644

■ 49.6499, 0.3216,
0.3622

■ 18.8381, 0.2824,
0.2356

■ 58.3375, 0.3262,
0.3814

■ 14.9781, 0.2711,
0.2063

■ 67.9331, 0.3301,
0.3987

■ 11.8006, 0.2587,
0.1776

■ 78.4626, 0.3333,
0.4140

9.2626, 0.2457,
0.1508

88.2730, 0.3364,
0.4254

7.3160, 0.2326,
0.1273

89.5444, 0.3419,
0.4236

5.9057, 0.2200,
0.1084

90.8808, 0.3475,
0.4219

4.9640, 0.2083,
0.0949

92.2831, 0.3532,
0.4201

Harmonies

Analogous

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



34.8883, 0.3030, 0.3168



34.8883, 0.3094, 0.3174



34.8883, 0.3168, 0.3211

Triad

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



34.8883, 0.3094, 0.3174



34.8883, 0.3264, 0.3385



34.8883, 0.3024, 0.3312

Complementary

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



34.8883, 0.3094, 0.3174



37.4286, 0.3159, 0.3406

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.



34.8883, 0.3086, 0.3372



34.8883, 0.3094, 0.3174



34.8883, 0.3224, 0.3414

Square

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



34.8883, 0.3094, 0.3174



34.8883, 0.3266, 0.3332



34.8883, 0.3159, 0.3410



34.8883, 0.2990, 0.3246

Rectangle

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



34.8883, 0.3094, 0.3174



34.8883, 0.3212, 0.3247



34.8883, 0.3159, 0.3410



34.8883, 0.3043, 0.3333

Sweetspot

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



34.8898, 0.3094, 0.3174



67.9327, 0.3120, 0.3266



35.9137, 0.3055, 0.3233



15.2179, 0.3121, 0.3267



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.8898, 0.3094, 0.3174



61.7951, 0.3085, 0.3142



35.3030, 0.3131, 0.3175



7.8860, 0.3082, 0.3132



3.5757, 0.2036, 0.0895



0.1175, 0.2415, 0.1104

Inverse Universe

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



35.1735, 0.3169, 0.3232



62.4450, 0.3180, 0.3217



37.0278, 0.3123, 0.3407



7.9748, 0.3184, 0.3212



6.7848, 0.4913, 0.2480



0.1754, 0.4212, 0.2094

Previews

White Background



This preview shows how the Yxy color 34.8883, 0.3094, 0.3174 looks on a white background.

Color Contrast Check

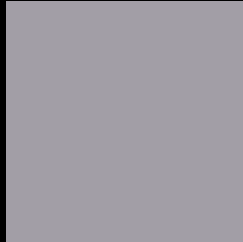
Large Text (above 18pt) WCAG AA × Fail

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 34.8883, 0.3094, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

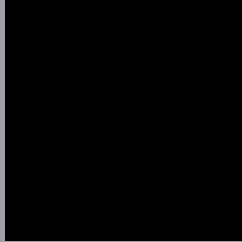
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

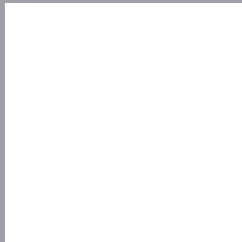
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8883, 0.3094, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 34.8883, 0.3094, 0.3174.

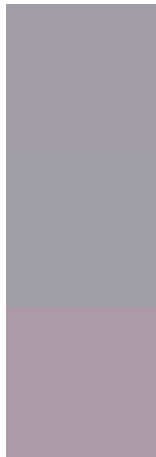


This preview shows how white text looks on a background with the Yxy color 34.8883, 0.3094, 0.3174.

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

34.8883, 0.3094, 0.3174

Protanopia

35.0230, 0.3075, 0.3188

Deuteranopia

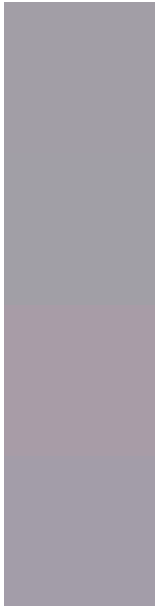
35.0034, 0.3184, 0.3121



Tritanopia

34.8028, 0.3069, 0.3103

Trichromacy



Original Color

34.8883, 0.3094, 0.3174

Protanomaly

35.1265, 0.3084, 0.3188

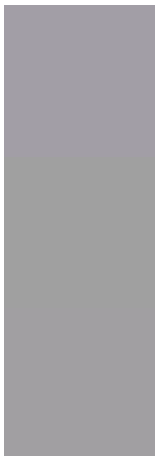
Deuteranomaly

34.8918, 0.3144, 0.3133

Tritanomaly

34.7650, 0.3078, 0.3117

Monochromacy



Original Color

34.8883, 0.3094, 0.3174

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.9820, 0.3120, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8883, 0.3094, 0.3174 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(162, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(162, 158, 166)  
}
```

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(162, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 158, 166) }
```

Border

The CSS property to change the border of an element to Yxy 34.8883, 0.3094, 0.3174 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(162, 158, 166) }
```

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

```
.border{ border-color:rgb(162, 158, 166) }
```

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

Here you see how a box with a 4 pixel rgb(162, 158, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(162, 158,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8883, 0.3094, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 158, 166) }
```

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

```
.background{ background-color: rgb(162,  
158, 166) }
```

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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