

Converting Colors

$Yxy(34.9145, 0.2970, 0.3117)$

Have a look what the booklet for
Yxy(34.9145, 0.2970, 0.3117)
contains.

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Color

Yxy(34.9902, 0.2968, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	9AA0AC
RGB	154, 160, 172
RGB Percent	60%, 63%, 67%
CMY	0.3959, 0.3726, 0.3255
CMYK	0.10, 0.07, 0.00, 0.33
HSL	220°, 10%, 64%
HSV	220°, 10%, 67%
XYZ	33.3497, 34.9902, 44.0243
YIQ	159.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

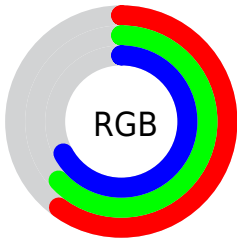
Format	Color
RYB	154, 159, 172
Decimal	10133676
CIELab	65.74, 0.33, -6.96
CIELCh	66, 6.965, 272.687
Yxy	34.9902, 0.2968, 0.3114
Android (android.graphics.Color)	4288323756 (0xFF9AA0AC)
YUV	159.5740, 6.1260, -4.8884
Hunter-Lab	59.1525, -2.8801, -2.7198

Details

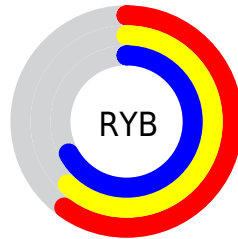
The Yxy color **34.9902, 0.2968, 0.3114** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3966, 0.3289, 0.3460**, and the grayscale version is **34.9251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5568, 0.2998, 0.3156**, and **15.1769, 0.2916, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **29.6171, 0.2805, 0.2925**, and if you desaturate by 10%, it is **40.9772, 0.3121, 0.3283**.

Distribution



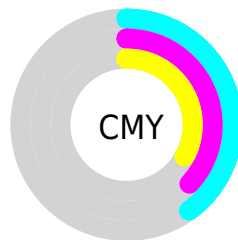
- Red (60%)
- Green (63%)
- Blue (67%)



- Red (60%)
- Yellow (62%)
- Blue (67%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.9902, 0.2968, 0.3114 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 34.9902, 0.2968, 0.3114 by changing the saturation by 10% instead.

■ 34.9902, 0.2968,
0.3114

■ 34.9902, 0.2968,
0.3114

324.5251, 0.3051,
0.3206

■ 23.6553, 0.2946,
0.3090

■ 67.4706, 0.2999,
0.3148

■ 15.0781, 0.2917,
0.3058

■ 89.3849, 0.3011,
0.3161

■ 8.8742, 0.2877,
0.3013

115.5945, 0.3020,
0.3172

■ 4.6592, 0.2818,
0.2948

146.4837, 0.3028,
0.3181

■ 2.0488, 0.2722,
0.2844

182.4370, 0.3035,
0.3188

■ 0.6356, 0.2506,
0.2602

223.8387, 0.3041,

■ 0.0000, 0.0000,

0.3195

0.0000

271.0733, 0.3047,
0.3201

■ 34.9902, 0.2968,
0.3114

■ 34.9902, 0.2968,
0.3114

■ 29.6171, 0.2805,
0.2925

■ 40.9772, 0.3121,
0.3283

■ 24.8332, 0.2633,
0.2715

■ 47.5928, 0.3262,
0.3433

■ 20.6187, 0.2457,
0.2486

■ 54.8570, 0.3392,
0.3564

■ 16.9509, 0.2280,
0.2243

■ 62.7871, 0.3510,
0.3679

■ 13.8053, 0.2110,
0.1990

■ 71.4001, 0.3617,
0.3779

■ 11.1555, 0.1953,
0.1737

■ 80.2839, 0.3697,
0.3870

■ 8.9722, 0.1818,
0.1493

■ 86.8628, 0.3662,
0.3977

■ 7.2225, 0.1712,
0.1270

■ 93.8714, 0.3629,
0.4079

■ 5.9011, 0.1634,
0.1083

■ 95.7585, 0.3620,
0.4105

Harmonies

Analogous

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



34.9902, 0.2923, 0.3161



34.9902, 0.2968, 0.3114



34.9902, 0.3055, 0.3114

Triad

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



34.9902, 0.2968, 0.3114



34.9902, 0.3326, 0.3330



34.9902, 0.3089, 0.3427

Complementary

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



34.9902, 0.2968, 0.3114



38.3966, 0.3289, 0.3460

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.



34.9902, 0.3197, 0.3474



34.9902, 0.2968, 0.3114



34.9902, 0.3335, 0.3415

Square

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



34.9902, 0.2968, 0.3114



34.9902, 0.3263, 0.3237



34.9902, 0.3287, 0.3468



34.9902, 0.2993, 0.3343

Rectangle

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



34.9902, 0.2968, 0.3114



34.9902, 0.3127, 0.3139



34.9902, 0.3287, 0.3468



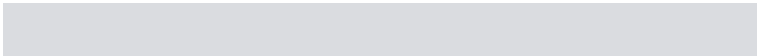
34.9902, 0.3125, 0.3448

Sweetspot

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



34.9917, 0.2968, 0.3114



71.3905, 0.3082, 0.3241



39.1325, 0.3017, 0.3376



15.3241, 0.3070, 0.3228



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.



34.9917, 0.2968, 0.3114



60.6458, 0.2923, 0.3063



33.2768, 0.2995, 0.3028



8.1744, 0.2986, 0.3134



4.4830, 0.1639, 0.1101



0.2267, 0.1817, 0.1740

Inverse Universe

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



34.4346, 0.3251, 0.3206



59.4462, 0.3289, 0.3182



40.2746, 0.3252, 0.3544



8.0575, 0.3236, 0.3215



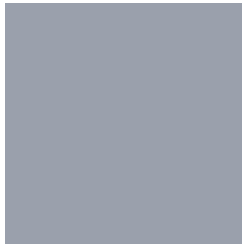
6.7556, 0.5609, 0.2863



0.1982, 0.4758, 0.2394

Previews

White Background



This preview shows how the Yxy color 34.9902, 0.2968, 0.3114 looks on a white background.

Color Contrast Check

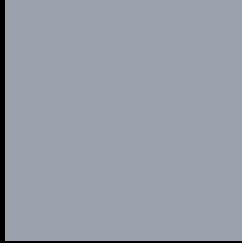
Large Text (above 18pt) WCAG AA × Fail

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 34.9902, 0.2968, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

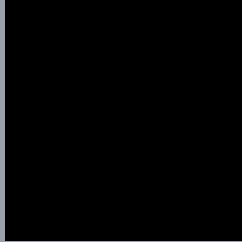
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

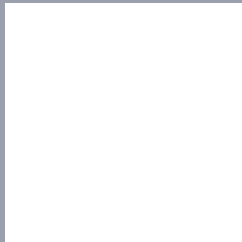
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.9902, 0.2968, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 34.9902, 0.2968, 0.3114.

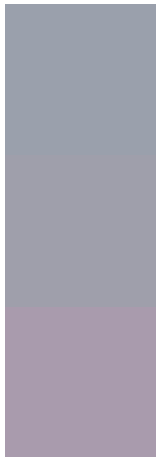


This preview shows how white text looks on a background with the Yxy color 34.9902, 0.2968, 0.3114.

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

34.9902, 0.2968, 0.3114

Protanopia

35.1075, 0.3022, 0.3116

Deuteranopia

34.8948, 0.3100, 0.3037



Tritanopia

35.0288, 0.2959, 0.3100

Trichromacy



Original Color

34.9902, 0.2968, 0.3114

Protanomaly

34.9046, 0.3003, 0.3115

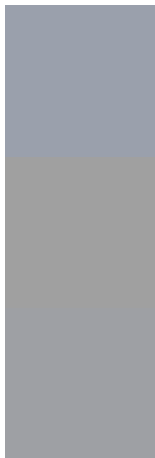
Deuteranomaly

35.0236, 0.3052, 0.3062

Tritanomaly

35.0288, 0.2959, 0.3100

Monochromacy



Original Color

34.9902, 0.2968, 0.3114

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.0910, 0.3073, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9902, 0.2968, 0.3114 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(154, 160, 172)` looks like.

```
.text, #text, p{  
    color:rgb(154, 160, 172)  
}
```

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(154, 160, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 160, 172) }
```

Border

The CSS property to change the border of an element to Yxy 34.9902, 0.2968, 0.3114 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(154, 160, 172) }
```

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

```
.border{ border-color:rgb(154, 160, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 160, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 160, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 160, 172);  
box-shadow:4px 4px 4px 4px rgb(154, 160,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9902, 0.2968, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 160, 172) }
```

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

```
.background{ background-color: rgb(154,  
160, 172) }
```

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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