

Converting Colors

$Yxy(35.2219, 0.2980, 0.3148)$

Have a look what the booklet for
Yxy(35.2219, 0.2980, 0.3148)
contains.

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Color

Yxy(35.3000, 0.2976, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	9AA1AB
RGB	154, 161, 171
RGB Percent	60%, 63%, 67%
CMY	0.3960, 0.3686, 0.3293
CMYK	0.10, 0.06, 0.00, 0.33
HSL	215°, 9%, 64%
HSV	215°, 10%, 67%
XYZ	33.4244, 35.3000, 43.5887
YIQ	160.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

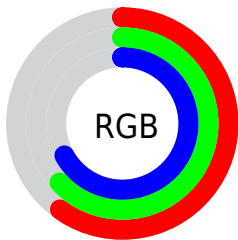
Format	Color
RYB	154, 159, 171
Decimal	10133931
CIELab	65.98, -0.45, -6.05
CIElCh	66, 6.070, 265.775
Yxy	35.3000, 0.2976, 0.3143
Android (android.graphics.Color)	4288324011 (0xFF9AA1AB)
YUV	160.0470, 5.3998, -5.3032
Hunter-Lab	59.4138, -3.5556, -1.9082

Details

The Yxy color **35.3000, 0.2976, 0.3143** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5544, 0.3283, 0.3433**, and the grayscale version is **35.1554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0126, 0.3004, 0.3178**, and **15.3673, 0.2928, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **30.3610, 0.2816, 0.2978**, and if you desaturate by 10%, it is **40.7648, 0.3128, 0.3291**.

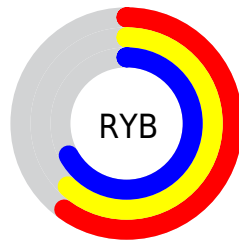
Distribution



Red (60%)

Green (63%)

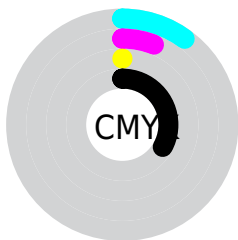
Blue (67%)



Red (60%)

Yellow (62%)

Blue (67%)

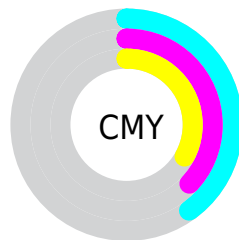


Cyan (10%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (40%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3000, 0.2976, 0.3143 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 35.3000, 0.2976, 0.3143 by changing the saturation by 10% instead.

■ 35.3000, 0.2976,
0.3143

■ 35.3000, 0.2976,
0.3143

325.8905, 0.3055,
0.3220

■ 23.8941, 0.2955,
0.3123

■ 67.9503, 0.3006,
0.3172

■ 15.2551, 0.2928,
0.3096

■ 89.9634, 0.3016,
0.3182

■ 8.9986, 0.2890,
0.3059

116.2810, 0.3025,
0.3191

■ 4.7403, 0.2834,
0.3004

147.2875, 0.3033,
0.3199

■ 2.0957, 0.2745,
0.2916

183.3673, 0.3040,
0.3205

■ 0.6622, 0.2539,
0.2718

224.9048, 0.3045,

■ 0.0000, 0.0000,

0.3211

0.0000

272.2844, 0.3050,
0.3216

■ 35.3000, 0.2976,
0.3143

■ 35.3000, 0.2976,
0.3143

■ 30.3610, 0.2816,
0.2978

■ 40.7648, 0.3128,
0.3291

■ 25.9265, 0.2650,
0.2795

■ 46.7667, 0.3270,
0.3422

■ 21.9804, 0.2481,
0.2597

■ 53.3225, 0.3403,
0.3537

■ 18.5039, 0.2313,
0.2384

■ 60.4466, 0.3525,
0.3639

■ 15.4768, 0.2153,
0.2161

■ 68.1530, 0.3637,
0.3727

■ 12.8771, 0.2006,
0.1935

■ 76.1466, 0.3728,
0.3807

■ 10.6806, 0.1879,
0.1712

■ 81.6407, 0.3696,
0.3903

■ 8.8598, 0.1776,
0.1501

■ 87.4596, 0.3665,
0.3996

■ 7.3644, 0.1696,
0.1306

■ 93.6086, 0.3635,
0.4086

Harmonies

Analogous

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



35.3000, 0.2947, 0.3193



35.3000, 0.2976, 0.3143



35.3000, 0.3045, 0.3133

Triad

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



35.3000, 0.2976, 0.3143



35.3000, 0.3291, 0.3307



35.3000, 0.3116, 0.3422

Complementary

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



35.3000, 0.2976, 0.3143



37.5544, 0.3283, 0.3433

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.



35.3000, 0.3208, 0.3452



35.3000, 0.2976, 0.3143



35.3000, 0.3310, 0.3384

Square

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



35.3000, 0.2976, 0.3143



35.3000, 0.3227, 0.3226



35.3000, 0.3280, 0.3438



35.3000, 0.3027, 0.3355

Rectangle

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



35.3000, 0.2976, 0.3143



35.3000, 0.3105, 0.3149



35.3000, 0.3280, 0.3438



35.3000, 0.3147, 0.3437

Sweetspot

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



35.3015, 0.2976, 0.3143



69.8488, 0.3082, 0.3247



38.6816, 0.3034, 0.3393



15.4008, 0.3070, 0.3235



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.



35.3015, 0.2976, 0.3143



61.1224, 0.2940, 0.3107



33.0660, 0.2988, 0.3040



8.2776, 0.2986, 0.3153



5.6435, 0.1701, 0.1323



0.2664, 0.1874, 0.1946

Inverse Universe

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



34.3474, 0.3232, 0.3191



59.1028, 0.3258, 0.3167



39.9679, 0.3259, 0.3531



8.0679, 0.3224, 0.3197



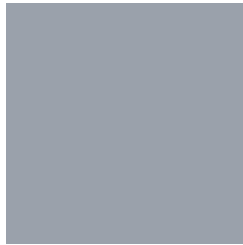
6.8728, 0.5295, 0.2690



0.2022, 0.4514, 0.2260

Previews

White Background



This preview shows how the Yxy color 35.3000, 0.2976, 0.3143 looks on a white background.

Color Contrast Check

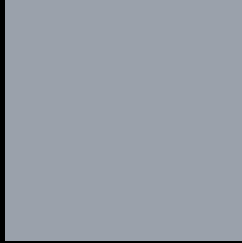
Large Text (above 18pt) WCAG AA × Fail

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 35.3000, 0.2976, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

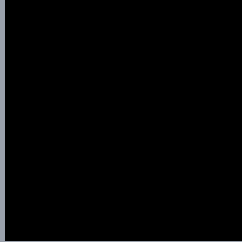
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

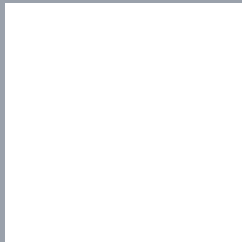
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.3000, 0.2976, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 35.3000, 0.2976, 0.3143.



This preview shows how white text looks on a background with the Yxy color 35.3000, 0.2976, 0.3143.

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

35.3000, 0.2976, 0.3143

Protanopia

35.1721, 0.3040, 0.3131

Deuteranopia

35.3015, 0.3118, 0.3065



Tritanopia

35.3769, 0.2959, 0.3115

Trichromacy



Original Color

35.3000, 0.2976, 0.3143

Protanomaly

35.3130, 0.3021, 0.3145

Deuteranomaly

35.3248, 0.3060, 0.3090

Tritanomaly

35.3383, 0.2968, 0.3129

Monochromacy



Original Color

35.3000, 0.2976, 0.3143

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 35.3000, 0.2976, 0.3143 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, 161, 171)` looks like.

```
.text, #text, p{  
    color:rgb(154, 161, 171)  
}
```

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, 161, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 161, 171) }
```

Border

The CSS property to change the border of an element to Yxy 35.3000, 0.2976, 0.3143 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, 161, 171) }
```

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

```
.border{ border-color:rgb(154, 161, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 161, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 161, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 161, 171);  
box-shadow:4px 4px 4px 4px rgb(154, 161,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3000, 0.2976, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 161, 171) }
```

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

```
.background{ background-color: rgb(154,  
161, 171) }
```

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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