

Converting Colors

$Yxy(31.9358, 0.2943, 0.3054)$

Have a look what the booklet for
Yxy(31.9358, 0.2943, 0.3054)
contains.

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Color

Yxy(31.9429, 0.2936, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	9499A9
RGB	148, 153, 169
RGB Percent	58%, 60%, 66%
CMY	0.4195, 0.4000, 0.3372
CMYK	0.12, 0.09, 0.00, 0.34
HSL	226°, 11%, 62%
HSV	226°, 12%, 66%
XYZ	30.7691, 31.9429, 42.0875
YIQ	153.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

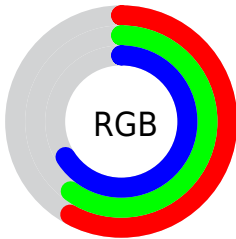
Format	Color
R_{YB}	148, 152, 169
Decimal	9738665
CIE _{Lab}	63.30, 1.53, -8.97
CIE _{LCh}	63, 9.101, 279.650
Yxy	31.9429, 0.2936, 0.3048
Android (android.graphics.Color)	4287928745 (0xFF9499A9)
YUV	153.3290, 7.7258, -4.6735
Hunter-Lab	56.5181, -1.7289, -4.5891

Details

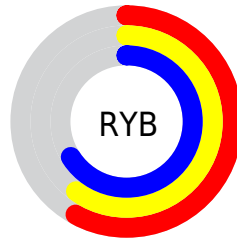
The Yxy color **31.9429, 0.2936, 0.3048** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1412, 0.3318, 0.3521**, and the grayscale version is **31.9765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5640, 0.2975, 0.3095**, and **13.3285, 0.2869, 0.2966** is the 20% darker color. If you saturate the color by 10%, you get **26.4853, 0.2768, 0.2826**, and if you desaturate by 10%, it is **38.0896, 0.3092, 0.3246**.

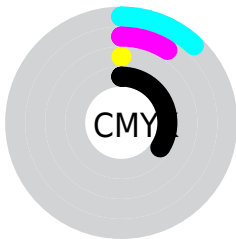
Distribution



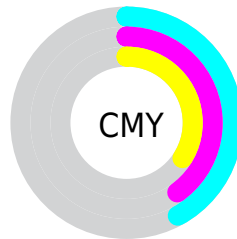
- Red (58%)
- Green (60%)
- Blue (66%)



- Red (58%)
- Yellow (60%)
- Blue (66%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)



- Cyan (42%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.9429, 0.2936, 0.3048 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 31.9429, 0.2936, 0.3048 by changing the saturation by 10% instead.

■ 31.9429, 0.2936,
0.3048

■ 31.9429, 0.2936,
0.3048

310.8591, 0.3037,
0.3176

■ 21.3179, 0.2909,
0.3014

■ 62.7216, 0.2974,
0.3096

■ 13.3566, 0.2872,
0.2968

■ 83.6440, 0.2988,
0.3114

■ 7.6745, 0.2821,
0.2905

108.7677, 0.3000,
0.3128

■ 3.8874, 0.2744,
0.2811

138.4771, 0.3010,
0.3141

■ 1.6108, 0.2618,
0.2657

173.1565, 0.3018,
0.3151

■ 0.3649, 0.2164,
0.2056

213.1904, 0.3025,

■ 0.0000, 0.0000,

0.3161

0.0000

258.9631, 0.3032,
0.3169

■ 31.9429, 0.2936,
0.3048

■ 31.9429, 0.2936,
0.3048

■ 26.4853, 0.2768,
0.2826

■ 38.0896, 0.3092,
0.3246

■ 21.6884, 0.2588,
0.2581

■ 44.9446, 0.3233,
0.3420

■ 17.5279, 0.2402,
0.2316

■ 52.5313, 0.3361,
0.3573

■ 13.9759, 0.2215,
0.2037

■ 60.8705, 0.3476,
0.3706

■ 11.0029, 0.2035,
0.1753

■ 69.9826, 0.3579,
0.3821

■ 8.5766, 0.1873,
0.1477

■ 79.8870, 0.3671,
0.3922

■ 6.6610, 0.1736,
0.1223

■ 88.3893, 0.3673,
0.4031

■ 5.2155, 0.1634,
0.1007

■ 95.6452, 0.3637,
0.4134

■ 4.3862, 0.1576,
0.0872

Harmonies

Analogous

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



31.9429, 0.2862, 0.3096



31.9429, 0.2936, 0.3048



31.9429, 0.3062, 0.3063

Triad

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



31.9429, 0.2936, 0.3048



31.9429, 0.3406, 0.3372



31.9429, 0.3042, 0.3453

Complementary

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



31.9429, 0.2936, 0.3048



37.1412, 0.3318, 0.3521

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.



31.9429, 0.3187, 0.3530



31.9429, 0.2936, 0.3048



31.9429, 0.3399, 0.3479

Square

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



31.9429, 0.2936, 0.3048



31.9429, 0.3335, 0.3247



31.9429, 0.3318, 0.3539



31.9429, 0.2922, 0.3330

Rectangle

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



31.9429, 0.2936, 0.3048



31.9429, 0.3160, 0.3106



31.9429, 0.3318, 0.3539



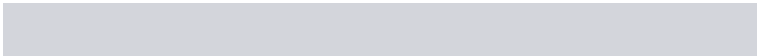
31.9429, 0.3090, 0.3485

Sweetspot

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



31.9442, 0.2936, 0.3048



66.3004, 0.3067, 0.3215



37.3518, 0.2983, 0.3368



14.2697, 0.3056, 0.3201



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.



31.9442, 0.2936, 0.3048



54.2928, 0.2889, 0.2987



30.8502, 0.2985, 0.2976



7.5785, 0.2986, 0.3113



3.3398, 0.1580, 0.0889



0.1569, 0.1752, 0.1508

Inverse Universe

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



31.9230, 0.3297, 0.3218



54.2994, 0.3343, 0.3201



38.3886, 0.3259, 0.3595



7.5704, 0.3250, 0.3237



6.4082, 0.5930, 0.3040



0.1635, 0.5049, 0.2555

Previews

White Background



This preview shows how the Yxy color 31.9429, 0.2936, 0.3048 looks on a white background.

Color Contrast Check

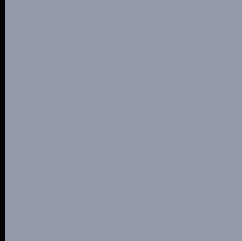
Large Text (above 18pt) WCAG AA × Fail

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 31.9429, 0.2936, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

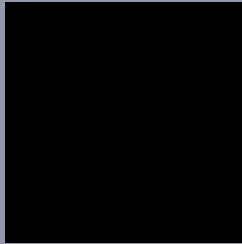
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

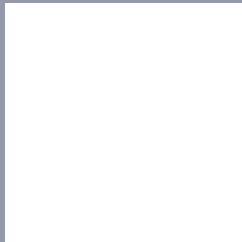
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.9429, 0.2936, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 31.9429, 0.2936, 0.3048.

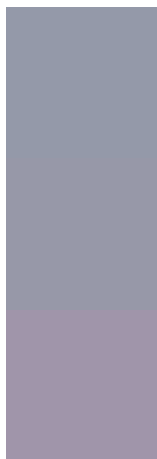


This preview shows how white text looks on a background with the Yxy color 31.9429, 0.2936, 0.3048.

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

31.9429, 0.2936, 0.3048

Protanopia

31.8629, 0.2973, 0.3050

Deuteranopia

31.8708, 0.3042, 0.2983



Tritanopia

32.0674, 0.2953, 0.3107

Trichromacy



Original Color

31.9429, 0.2936, 0.3048

Protanomaly

31.7677, 0.2963, 0.3049

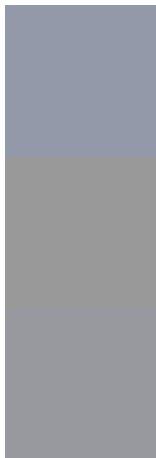
Deuteranomaly

31.7829, 0.3003, 0.2994

Tritanomaly

32.1043, 0.2944, 0.3093

Monochromacy



Original Color

31.9429, 0.2936, 0.3048

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.8650, 0.3053, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9429, 0.2936, 0.3048 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(148, 153, 169)` looks like.

```
.text, #text, p{  
    color:rgb(148, 153, 169)  
}
```

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(148, 153, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 153, 169) }
```

Border

The CSS property to change the border of an element to Yxy 31.9429, 0.2936, 0.3048 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(148, 153, 169) }
```

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

```
.border{ border-color:rgb(148, 153, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 153, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 153, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 153, 169);  
box-shadow:4px 4px 4px 4px rgb(148, 153,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9429, 0.2936, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 153, 169) }
```

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

```
.background{ background-color: rgb(148,  
153, 169) }
```

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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