

Converting Colors

$Yxy(32.9927, 0.2979, 0.3183)$

Have a look what the booklet for
Yxy(32.9927, 0.2979, 0.3183)
contains.

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Color

Yxy(33.0902, 0.2980, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	949DA4
RGB	148, 157, 164
RGB Percent	58%, 62%, 64%
CMY	0.4196, 0.3843, 0.3569
CMYK	0.10, 0.04, 0.00, 0.36
HSL	206°, 8%, 61%
HSV	206°, 10%, 64%
XYZ	30.9701, 33.0902, 39.8662
YIQ	155.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

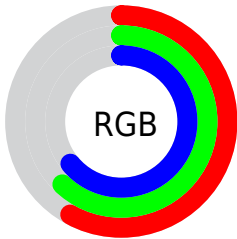
Format	Color
RYB	148, 154, 164
Decimal	9739684
CIELab	64.23, -1.77, -4.75
CIElCh	64, 5.066, 249.518
Yxy	33.0902, 0.2980, 0.3184
Android (android.graphics.Color)	4287929764 (0xFF949DA4)
YUV	155.1070, 4.3842, -6.2328
Hunter-Lab	57.5241, -4.5654, -0.8232

Details

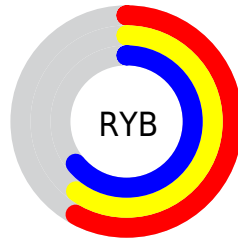
The Yxy color **33.0902, 0.2980, 0.3184** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4664, 0.3283, 0.3394**, and the grayscale version is **32.8117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.7580, 0.3008, 0.3210**, and **14.0193, 0.2931, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **29.3159, 0.2825, 0.3063**, and if you desaturate by 10%, it is **37.2260, 0.3131, 0.3293**.

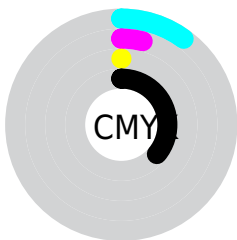
Distribution



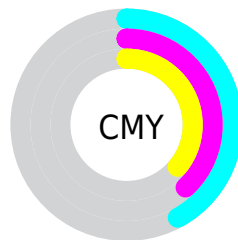
- Red (58%)
- Green (62%)
- Blue (64%)



- Red (58%)
- Yellow (60%)
- Blue (64%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.0902, 0.2980, 0.3184 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 33.0902, 0.2980, 0.3184 by changing the saturation by 10% instead.

■ 33.0902, 0.2980,
0.3184

■ 33.0902, 0.2980,
0.3184

316.0560, 0.3058,
0.3240

■ 22.1956, 0.2959,
0.3169

■ 64.5163, 0.3009,
0.3205

■ 14.0007, 0.2932,
0.3148

■ 85.8166, 0.3020,
0.3213

■ 8.1211, 0.2893,
0.3120

111.3542, 0.3029,
0.3219

■ 4.1726, 0.2836,
0.3077

141.5135, 0.3036,
0.3225

■ 1.7705, 0.2742,
0.3006

176.6790, 0.3043,
0.3230

■ 0.4687, 0.2348,
0.2736

217.2349, 0.3048,

■ 0.0000, 0.0000,

0.3234

0.0000

263.5658, 0.3053,
0.3237

■ 33.0902, 0.2980,
0.3184

■ 33.0902, 0.2980,
0.3184

■ 29.3159, 0.2825,
0.3063

■ 37.2260, 0.3131,
0.3293

■ 25.8875, 0.2669,
0.2931

■ 41.7300, 0.3276,
0.3390

■ 22.7942, 0.2514,
0.2787

■ 46.6140, 0.3415,
0.3476

■ 20.0230, 0.2365,
0.2633

■ 51.8879, 0.3546,
0.3552

■ 17.5598, 0.2225,
0.2472

■ 57.5612, 0.3669,
0.3619

■ 15.3892, 0.2100,
0.2306

■ 63.6431, 0.3784,
0.3677

■ 13.4941, 0.1992,
0.2138

■ 68.6338, 0.3829,
0.3739

■ 11.8547, 0.1906,
0.1972

■ 72.1867, 0.3803,
0.3809

■ 10.4307, 0.1837,
0.1812

■ 75.8991, 0.3777,
0.3879

Harmonies

Analogous

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



33.0902, 0.2977, 0.3241



33.0902, 0.2980, 0.3184



33.0902, 0.3022, 0.3156

Triad

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



33.0902, 0.2980, 0.3184



33.0902, 0.3241, 0.3266



33.0902, 0.3161, 0.3421

Complementary

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



33.0902, 0.2980, 0.3184



33.4664, 0.3283, 0.3394

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.



33.0902, 0.3233, 0.3426



33.0902, 0.2980, 0.3184



33.0902, 0.3280, 0.3336

Square

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



33.0902, 0.2980, 0.3184



33.0902, 0.3172, 0.3204



33.0902, 0.3276, 0.3395



33.0902, 0.3081, 0.3379

Rectangle

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



33.0902, 0.2980, 0.3184



33.0902, 0.3066, 0.3157



33.0902, 0.3276, 0.3395



33.0902, 0.3187, 0.3427

Sweetspot

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



33.0916, 0.2980, 0.3184



65.0265, 0.3081, 0.3258



35.2044, 0.3057, 0.3427



14.0862, 0.3070, 0.3250



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



33.0916, 0.2980, 0.3184



58.3187, 0.2942, 0.3155



30.4949, 0.2979, 0.3062



7.4907, 0.2987, 0.3189



8.0689, 0.1840, 0.1823



0.2614, 0.2004, 0.2413

Inverse Universe

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



31.5076, 0.3205, 0.3158



54.8155, 0.3227, 0.3123



36.1927, 0.3270, 0.3509



7.1496, 0.3201, 0.3164



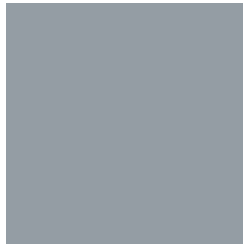
6.6587, 0.4658, 0.2340



0.1492, 0.4010, 0.1983

Previews

White Background



This preview shows how the Yxy color 33.0902, 0.2980, 0.3184 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 33.0902, 0.2980, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

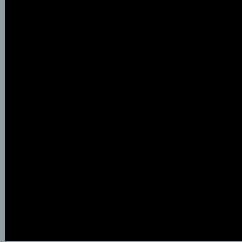
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

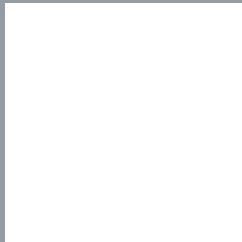
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.0902, 0.2980, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 33.0902, 0.2980, 0.3184.



This preview shows how white text looks on a background with the Yxy color 33.0902, 0.2980, 0.3184.

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

33.0902, 0.2980, 0.3184

Protanopia

33.1550, 0.3065, 0.3171

Deuteranopia

32.9568, 0.3147, 0.3088



Tritanopia

33.0311, 0.2946, 0.3095

Trichromacy



Original Color

33.0902, 0.2980, 0.3184

Protanomaly

33.1936, 0.3036, 0.3185

Deuteranomaly

32.8700, 0.3076, 0.3113

Tritanomaly

32.9565, 0.2963, 0.3124

Monochromacy



Original Color

33.0902, 0.2980, 0.3184

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.9210, 0.3070, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0902, 0.2980, 0.3184 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, 157, 164)` looks like.

```
.text, #text, p{  
    color:rgb(148, 157, 164)  
}
```

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, 157, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 157, 164) }
```

Border

The CSS property to change the border of an element to Yxy 33.0902, 0.2980, 0.3184 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, 157, 164) }
```

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

```
.border{ border-color:rgb(148, 157, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 157, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 157, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 157, 164);  
box-shadow:4px 4px 4px 4px rgb(148, 157,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0902, 0.2980, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 157, 164) }
```

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

```
.background{ background-color: rgb(148,  
157, 164) }
```

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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