

Converting Colors

$Yxy(31.7483, 0.2891, 0.3049)$

Have a look what the booklet for
Yxy(31.7483, 0.2891, 0.3049)
contains.

Yxy(31.8154, 0.2890, 0.3061)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.8154, 0.2890, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	8F9AA9
RGB	143, 154, 169
RGB Percent	56%, 60%, 66%
CMY	0.4394, 0.3960, 0.3373
CMYK	0.15, 0.09, 0.00, 0.34
HSL	215°, 13%, 61%
HSV	215°, 15%, 66%
XYZ	30.0381, 31.8154, 42.0845
YIQ	152.4210, -11.3710, 2.3330

Conversions

Conversions Part 2

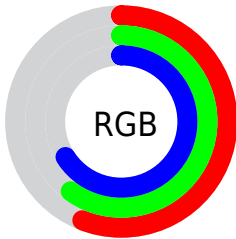
Format	Color
R_{YB}	143, 151, 169
Decimal	9411241
CIE Lab	63.19, -0.76, -9.15
CIE LCh	63, 9.183, 265.253
Yxy	31.8154, 0.2890, 0.3061
Android (android.graphics.Color)	4287601321 (0xFF8F9AA9)
YUV	152.4210, 8.1734, -8.2622
Hunter-Lab	56.4051, -3.6504, -4.7533

Details

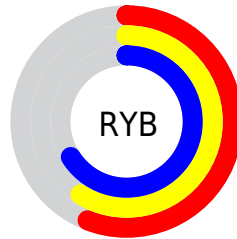
The Yxy color **31.8154, 0.2890, 0.3061** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8436, 0.3376, 0.3509**, and the grayscale version is **31.5562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3639, 0.2939, 0.3105**, and **13.2602, 0.2805, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **27.3412, 0.2727, 0.2891**, and if you desaturate by 10%, it is **36.7792, 0.3046, 0.3214**.

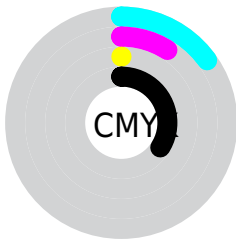
Distribution



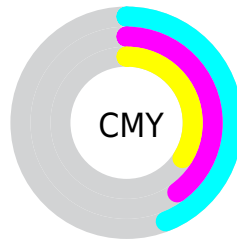
- Red (56%)
- Green (60%)
- Blue (66%)



- Red (56%)
- Yellow (59%)
- Blue (66%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)



- Cyan (44%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.8154, 0.2890, 0.3061 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 31.8154, 0.2890, 0.3061 by changing the saturation by 10% instead.

■ 31.8154, 0.2890,
0.3061

■ 31.8154, 0.2890,
0.3061

310.2775, 0.3016,
0.3183

■ 21.2205, 0.2856,
0.3028

■ 62.5216, 0.2937,
0.3107

■ 13.2853, 0.2811,
0.2984

■ 83.4017, 0.2955,
0.3124

■ 7.6253, 0.2749,
0.2923

108.4790, 0.2969,
0.3138

■ 3.8561, 0.2655,
0.2832

138.1379, 0.2981,
0.3149

■ 1.5934, 0.2502,
0.2680

172.7628, 0.2992,
0.3159

■ 0.3532, 0.1870,
0.2082

212.7381, 0.3001,

■ 0.0000, 0.0000,

0.3168

0.0000

258.4482, 0.3009,
0.3176

■ 31.8154, 0.2890,
0.3061

■ 31.8154, 0.2890,
0.3061

■ 27.3412, 0.2727,
0.2891

■ 36.7792, 0.3046,
0.3214

■ 23.3363, 0.2560,
0.2704

■ 42.2440, 0.3194,
0.3351

■ 19.7849, 0.2393,
0.2503

■ 48.2259, 0.3332,
0.3472

■ 16.6685, 0.2231,
0.2290

■ 54.7387, 0.3461,
0.3578

■ 13.9672, 0.2079,
0.2070

■ 61.7961, 0.3579,
0.3671

■ 11.6591, 0.1944,
0.1849

■ 69.4110, 0.3688,
0.3753

■ 9.7198, 0.1831,
0.1636

■ 76.3914, 0.3740,
0.3834

■ 8.1199, 0.1743,
0.1436

■ 81.7052, 0.3709,
0.3926

■ 7.4722, 0.1708,
0.1349

■ 87.3215, 0.3678,
0.4015

Harmonies

Analogous

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



31.8154, 0.2847, 0.3138



31.8154, 0.2890, 0.3061



31.8154, 0.2996, 0.3046

Triad

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



31.8154, 0.2890, 0.3061



31.8154, 0.3383, 0.3312



31.8154, 0.3111, 0.3500

Complementary

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



31.8154, 0.2890, 0.3061



34.8436, 0.3376, 0.3509

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.



31.8154, 0.3256, 0.3546



31.8154, 0.2890, 0.3061



31.8154, 0.3415, 0.3433

Square

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



31.8154, 0.2890, 0.3061



31.8154, 0.3281, 0.3189



31.8154, 0.3368, 0.3520



31.8154, 0.2973, 0.3394

Rectangle

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



31.8154, 0.2890, 0.3061



31.8154, 0.3089, 0.3070



31.8154, 0.3368, 0.3520



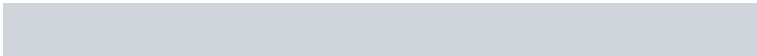
31.8154, 0.3160, 0.3523

Sweetspot

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



31.8167, 0.2890, 0.3061



66.1741, 0.3051, 0.3219



36.6638, 0.2988, 0.3461



14.2865, 0.3041, 0.3209



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.



31.8167, 0.2890, 0.3061



54.5626, 0.2843, 0.3013



28.4893, 0.2900, 0.2889



7.8049, 0.2987, 0.3157



5.6721, 0.1713, 0.1368



0.2401, 0.1899, 0.2036

Inverse Universe

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



30.3999, 0.3294, 0.3129



51.6917, 0.3332, 0.3096



38.5936, 0.3336, 0.3665



7.5932, 0.3222, 0.3194



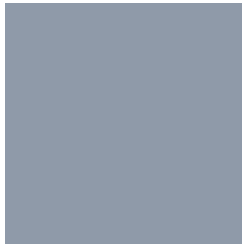
6.6437, 0.5234, 0.2657



0.1719, 0.4412, 0.2204

Previews

White Background



This preview shows how the Yxy color 31.8154, 0.2890, 0.3061 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 31.8154, 0.2890, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

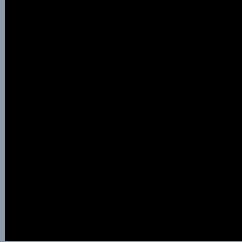
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

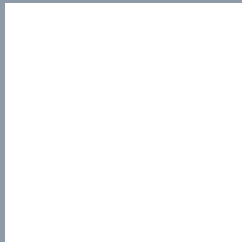
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.8154, 0.2890, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 31.8154, 0.2890, 0.3061.



This preview shows how white text looks on a background with the Yxy color 31.8154, 0.2890, 0.3061.

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

31.8154, 0.2890, 0.3061

Protanopia

31.8629, 0.2973, 0.3050

Deuteranopia

31.8708, 0.3042, 0.2983



Tritanopia

31.7409, 0.2907, 0.3090

Trichromacy



Original Color

31.8154, 0.2890, 0.3061

Protanomaly

31.9055, 0.2945, 0.3063

Deuteranomaly

31.9055, 0.2984, 0.3008

Tritanomaly

31.7780, 0.2899, 0.3075

Monochromacy



Original Color

31.8154, 0.2890, 0.3061

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.6406, 0.3042, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8154, 0.2890, 0.3061 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(143, 154, 169)` looks like.

```
.text, #text, p{  
    color:rgb(143, 154, 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(143, 154, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 154, 169) }
```

Border

The CSS property to change the border of an element to Yxy 31.8154, 0.2890, 0.3061 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(143, 154, 169) }
```

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

```
.border{ border-color:rgb(143, 154, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 154, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 154, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 154, 169);  
box-shadow:4px 4px 4px 4px rgb(143, 154,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8154, 0.2890, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 154, 169) }
```

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

```
.background{ background-color: rgb(143,  
154, 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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