

Converting Colors

Yxy(31.9158, 0.2740, 0.3025)

Have a look what the booklet for
Yxy(31.9158, 0.2740, 0.3025)
contains.

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Color

Yxy(31.9158, 0.2740, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	829DAE
RGB	130, 157, 174
RGB Percent	51%, 62%, 68%
CMY	0.4900, 0.3843, 0.3176
CMYK	0.25, 0.10, 0.00, 0.32
HSL	203°, 21%, 60%
HSV	203°, 25%, 68%
XYZ	28.9089, 31.9158, 44.6821
YIQ	150.8650, -21.5490, -0.4370

Conversions

Conversions Part 2

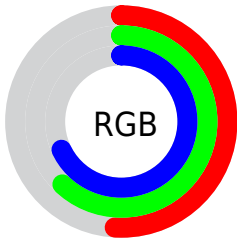
Format	Color
RYB	130, 147, 174
Decimal	8560046
CIELab	63.27, -5.44, -11.95
CIELCh	63, 13.126, 245.512
Yxy	31.9158, 0.2740, 0.3025
Android (android.graphics.Color)	4286750126 (0xFF829DAE)
YUV	150.8650, 11.4056, -18.2986
Hunter-Lab	56.4941, -7.5235, -7.3476

Details

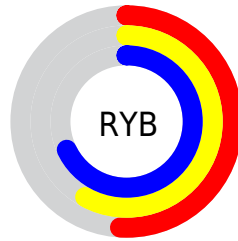
The Yxy color **31.9158, 0.2740, 0.3025** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4998, 0.3589, 0.3541**, and the grayscale version is **30.8484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9345, 0.2821, 0.3091**, and **13.3755, 0.2606, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **28.4383, 0.2587, 0.2902**, and if you desaturate by 10%, it is **35.7542, 0.2894, 0.3138**.

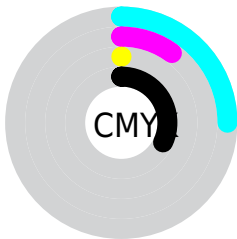
Distribution



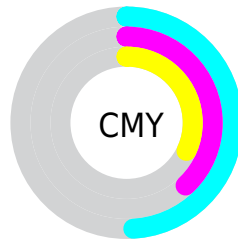
- Red (51%)
- Green (62%)
- Blue (68%)



- Red (51%)
- Yellow (58%)
- Blue (68%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)
- Black (32%)



- Cyan (49%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.9158, 0.2740, 0.3025 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 31.9158, 0.2740, 0.3025 by changing the saturation by 10% instead.

■ 31.9158, 0.2740,
0.3025

■ 31.9158, 0.2740,
0.3025

■ 310.7355, 0.2943,
0.3167

■ 21.2972, 0.2686,
0.2986

■ 62.6791, 0.2816,
0.3079

■ 13.3414, 0.2614,
0.2934

■ 83.5925, 0.2844,
0.3099

■ 7.6641, 0.2516,
0.2861

■ 108.7064, 0.2868,
0.3115

■ 3.8808, 0.2371,
0.2751

■ 138.4050, 0.2887,
0.3129

■ 1.6071, 0.2140,
0.2569

■ 173.0729, 0.2904,
0.3140

■ 0.3624, 0.1157,
0.1981

■ 213.0943, 0.2919,

■ 0.0000, 0.0000,

0.3150

0.0000

258.8537, 0.2932,
0.3159

■ 31.9158, 0.2740,
0.3025

■ 31.9158, 0.2740,
0.3025

■ 28.4383, 0.2587,
0.2902

■ 35.7542, 0.2894,
0.3138

■ 25.3042, 0.2440,
0.2770

■ 39.9626, 0.3048,
0.3240

■ 22.5000, 0.2301,
0.2630

■ 44.5542, 0.3198,
0.3332

■ 20.0096, 0.2176,
0.2485

■ 49.5407, 0.3342,
0.3415

■ 17.8150, 0.2068,
0.2337

■ 54.9328, 0.3481,
0.3487

■ 15.8961, 0.1979,
0.2189

■ 60.7412, 0.3612,
0.3551

■ 14.2277, 0.1911,
0.2044

■ 66.9757, 0.3736,
0.3608

■ 13.4989, 0.1882,
0.1975

■ 70.8415, 0.3740,
0.3672

■ 74.2559, 0.3719,
0.3739

Harmonies

Analogous

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



31.9158, 0.2747, 0.3179



31.9158, 0.2740, 0.3025



31.9158, 0.2832, 0.2947

Triad

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



31.9158, 0.2740, 0.3025



31.9158, 0.3406, 0.3202



31.9158, 0.3240, 0.3648

Complementary

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



31.9158, 0.2740, 0.3025



31.4998, 0.3589, 0.3541

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.



31.9158, 0.3424, 0.3642



31.9158, 0.2740, 0.3025



31.9158, 0.3523, 0.3379

Square

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



31.9158, 0.2740, 0.3025



31.9158, 0.3215, 0.3051



31.9158, 0.3529, 0.3541



31.9158, 0.3031, 0.3548

Rectangle

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



31.9158, 0.2740, 0.3025



31.9158, 0.2940, 0.2945



31.9158, 0.3529, 0.3541



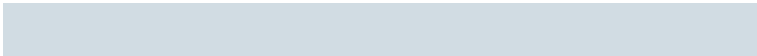
31.9158, 0.3307, 0.3658

Sweetspot

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



31.9171, 0.2740, 0.3025



70.2142, 0.3004, 0.3212



37.1268, 0.2964, 0.3716



15.3504, 0.2981, 0.3197



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



31.9171, 0.2740, 0.3025



54.4856, 0.2659, 0.2961



25.1845, 0.2709, 0.2671



8.5435, 0.2986, 0.3200



9.9081, 0.1887, 0.1991



0.3775, 0.2008, 0.2429

Inverse Universe

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



27.4124, 0.3338, 0.2902



45.2707, 0.3394, 0.2817



38.9418, 0.3517, 0.3842



8.0947, 0.3194, 0.3152



7.3033, 0.4463, 0.2232



0.2135, 0.3993, 0.1973

Previews

White Background



This preview shows how the Yxy color 31.9158, 0.2740, 0.3025 looks on a white background.

Color Contrast Check

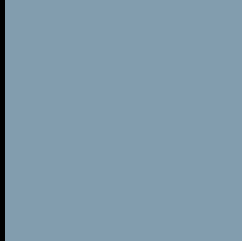
Large Text (above 18pt) WCAG AA × Fail

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 31.9158, 0.2740, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

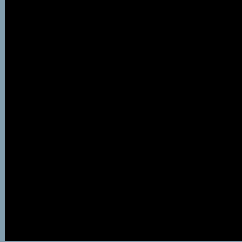
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

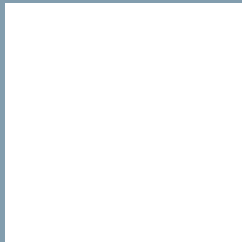
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.9158, 0.2740, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 31.9158, 0.2740, 0.3025.



This preview shows how white text looks on a background with the Yxy color 31.9158, 0.2740, 0.3025.

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

31.9158, 0.2740, 0.3025

Protanopia

31.8808, 0.2937, 0.3005

Deuteranopia

31.7976, 0.2959, 0.2896



Tritanopia

32.0231, 0.2763, 0.3101

Trichromacy



Original Color

31.9158, 0.2740, 0.3025

Protanomaly

31.9294, 0.2865, 0.3016

Deuteranomaly

31.7547, 0.2875, 0.2946

Tritanomaly

32.0611, 0.2756, 0.3086

Monochromacy



Original Color

31.9158, 0.2740, 0.3025

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.1253, 0.2976, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9158, 0.2740, 0.3025 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(130, 157, 174)` looks like.

```
.text, #text, p{  
    color:rgb(130, 157, 174)  
}
```

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(130, 157, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 157, 174) }
```

Border

The CSS property to change the border of an element to Yxy 31.9158, 0.2740, 0.3025 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(130, 157, 174) }
```

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

```
.border{ border-color:rgb(130, 157, 174) }
```

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

Here you see how a box with a 4 pixel rgb(130, 157, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 157, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 157, 174);  
box-shadow:4px 4px 4px 4px rgb(130, 157,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9158, 0.2740, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 157, 174) }
```

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

```
.background{ background-color: rgb(130,  
157, 174) }
```

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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