

Converting Colors

$Y_{xy}(43.1332, 0.2814, 0.3056)$

Have a look what the booklet for
Yxy(43.1332, 0.2814, 0.3056)
contains.

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Color

Yxy(43.2936, 0.2811, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	9CB3C4
RGB	156, 179, 196
RGB Percent	61%, 70%, 77%
CMY	0.3882, 0.2980, 0.2314
CMYK	0.20, 0.09, 0.00, 0.23
HSL	206°, 25%, 69%
HSV	206°, 20%, 77%
XYZ	39.7967, 43.2936, 58.4846
YIQ	174.0610, -19.1650, 0.4110

Conversions

Conversions Part 2

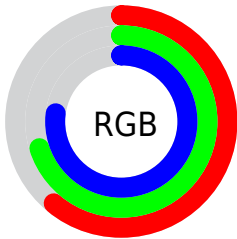
Format	Color
RYB	156, 171, 196
Decimal	10269636
CIELab	71.75, -4.19, -11.28
CIELCh	72, 12.030, 249.614
Yxy	43.2936, 0.2811, 0.3058
Android (android.graphics.Color)	4288459716 (0xFF9CB3C4)
YUV	174.0610, 10.8159, -15.8395
Hunter-Lab	65.7979, -7.1837, -6.6415

Details

The Yxy color **43.2936, 0.2811, 0.3058** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0327, 0.3486, 0.3511**, and the grayscale version is **42.3135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3574, 0.2867, 0.3100**, and **19.8178, 0.2721, 0.2988** is the 20% darker color. If you saturate the color by 10%, you get **38.2541, 0.2653, 0.2926**, and if you desaturate by 10%, it is **48.8541, 0.2968, 0.3178**.

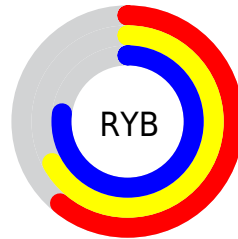
Distribution



Red (61%)

Green (70%)

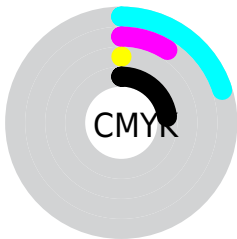
Blue (77%)



Red (61%)

Yellow (67%)

Blue (77%)

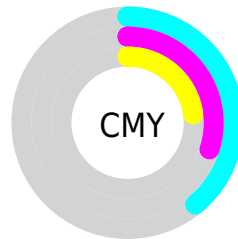


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (23%)



Cyan (39%)

Magenta (30%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2936, 0.2811, 0.3058 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 43.2936, 0.2811, 0.3058 by changing the saturation by 10% instead.

■ 43.2936, 0.2811,
0.3058

■ 43.2936, 0.2811,
0.3058

■ 359.8178, 0.2970,
0.3176

■ 30.1155, 0.2771,
0.3028

■ 80.1537, 0.2869,
0.3101

■ 19.9263, 0.2720,
0.2989

■ 104.6046, 0.2890,
0.3118

■ 12.3415, 0.2652,
0.2936

■ 133.5818, 0.2909,
0.3131

■ 6.9767, 0.2558,
0.2862

■ 167.4699, 0.2924,
0.3143

■ 3.4475, 0.2416,
0.2749

■ 206.6531, 0.2938,
0.3153

■ 1.3696, 0.2185,
0.2559

■ 251.5159, 0.2950,

■ 0.1942, 0.0644,

0.3162

0.1521

302.4427, 0.2960,
0.3169

0.0000, 0.0000,
0.0000

43.2936, 0.2811,
0.3058

43.2936, 0.2811,
0.3058

38.2541, 0.2653,
0.2926

48.8541, 0.2968,
0.3178

33.7117, 0.2498,
0.2784

54.9479, 0.3121,
0.3286

29.6482, 0.2349,
0.2631

61.5934, 0.3269,
0.3382

26.0420, 0.2211,
0.2472

68.8063, 0.3410,
0.3468

22.8692, 0.2089,
0.2307

76.6017, 0.3544,
0.3543

■ 20.1032, 0.1985,
0.2142

■ 81.2899, 0.3533,
0.3625

■ 17.7129, 0.1902,
0.1979

■ 86.0141, 0.3515,
0.3705

■ 15.7183, 0.1841,
0.1828

■ 90.9629, 0.3497,
0.3784

■ 96.1391, 0.3480,
0.3861

Harmonies

Analogous

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



43.2936, 0.2805, 0.3179



43.2936, 0.2811, 0.3058



43.2936, 0.2899, 0.3002

Triad

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



43.2936, 0.2811, 0.3058



43.2936, 0.3376, 0.3238



43.2936, 0.3198, 0.3578

Complementary

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



43.2936, 0.2811, 0.3058



44.0327, 0.3486, 0.3511

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.



43.2936, 0.3355, 0.3587



43.2936, 0.2811, 0.3058



43.2936, 0.3460, 0.3386

Square

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



43.2936, 0.2811, 0.3058



43.2936, 0.3224, 0.3106



43.2936, 0.3453, 0.3514



43.2936, 0.3026, 0.3486

Rectangle

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



43.2936, 0.2811, 0.3058



43.2936, 0.2994, 0.3006



43.2936, 0.3453, 0.3514



43.2936, 0.3255, 0.3591

Sweetspot

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



43.2954, 0.2811, 0.3058



93.1315, 0.3034, 0.3226



49.5557, 0.2984, 0.3609



19.7787, 0.3024, 0.3219



0.0000, 0.0000, 0.0000



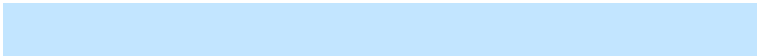
21.4041, 0.3127, 0.3290

Same Dimension

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



43.2954, 0.2811, 0.3058



74.6873, 0.2748, 0.3007



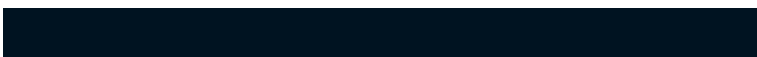
35.9724, 0.2793, 0.2780



10.6876, 0.2984, 0.3190



10.2730, 0.1847, 0.1850



0.5782, 0.1946, 0.2204

Inverse Universe

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



38.7740, 0.3306, 0.2995



65.4103, 0.3349, 0.2935



52.1317, 0.3439, 0.3753



10.1727, 0.3201, 0.3158



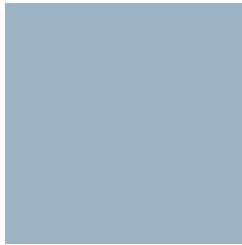
8.3193, 0.4626, 0.2322



0.3730, 0.4228, 0.2103

Previews

White Background



This preview shows how the Yxy color 43.2936, 0.2811, 0.3058 looks on a white background.

Color Contrast Check

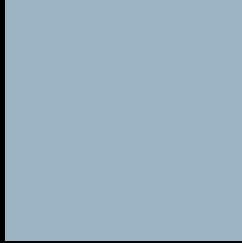
Large Text (above 18pt) WCAG AA × Fail

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 43.2936, 0.2811, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

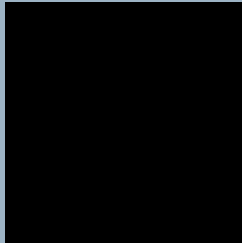
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

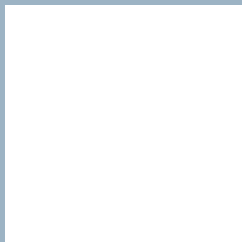
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2936, 0.2811, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 43.2936, 0.2811, 0.3058.



This preview shows how white text looks on a background with the Yxy color 43.2936, 0.2811, 0.3058.

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

43.2936, 0.2811, 0.3058

Protanopia

43.0066, 0.2967, 0.3038

Deuteranopia

43.1481, 0.3004, 0.2943



Tritanopia

43.2032, 0.2825, 0.3085

Trichromacy



Original Color

43.2936, 0.2811, 0.3058

Protanomaly

43.1612, 0.2910, 0.3049

Deuteranomaly

43.1876, 0.2936, 0.2988

Tritanomaly

43.2482, 0.2818, 0.3071

Monochromacy



Original Color

43.2936, 0.2811, 0.3058

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.6436, 0.3002, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2936, 0.2811, 0.3058 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(156, 179, 196)` looks like.

```
.text, #text, p{  
    color:rgb(156, 179, 196)  
}
```

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(156, 179, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 179, 196) }
```

Border

The CSS property to change the border of an element to Yxy 43.2936, 0.2811, 0.3058 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(156, 179, 196) }
```

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

```
.border{ border-color:rgb(156, 179, 196) }
```

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

Here you see how a box with a 4 pixel rgb(156, 179, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 179, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 179, 196);  
box-shadow:4px 4px 4px 4px rgb(156, 179,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2936, 0.2811, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 179, 196) }
```

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

```
.background{ background-color: rgb(156,  
179, 196) }
```

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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