

Converting Colors

$Yxy(43.0434, 0.2809, 0.3072)$

Have a look what the booklet for
Yxy(43.0434, 0.2809, 0.3072)
contains.

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Color

Yxy(43.1489, 0.2810, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	9BB3C3
RGB	155, 179, 195
RGB Percent	61%, 70%, 76%
CMY	0.3923, 0.2980, 0.2353
CMYK	0.21, 0.08, 0.00, 0.24
HSL	204°, 25%, 69%
HSV	204°, 21%, 76%
XYZ	39.4817, 43.1489, 57.8738
YIQ	173.6480, -19.4400, -0.1120

Conversions

Conversions Part 2

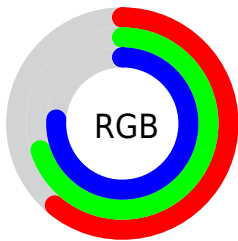
Format	Color
RYB	155, 170, 195
Decimal	10204099
CIELab	71.66, -4.76, -10.88
CIELCh	72, 11.873, 246.374
Yxy	43.1489, 0.2810, 0.3071
Android (android.graphics.Color)	4288394179 (0xFF9BB3C3)
YUV	173.6480, 10.5265, -16.3543
Hunter-Lab	65.6878, -7.6661, -6.2555

Details

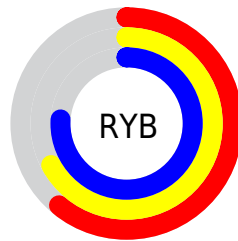
The Yxy color **43.1489, 0.2810, 0.3071** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0709, 0.3491, 0.3499**, and the grayscale version is **42.0876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1466, 0.2866, 0.3110**, and **19.7284, 0.2721, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **38.3422, 0.2654, 0.2948**, and if you desaturate by 10%, it is **48.4468, 0.2966, 0.3183**.

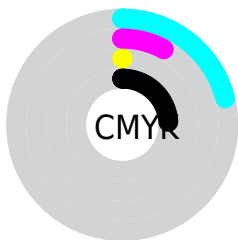
Distribution



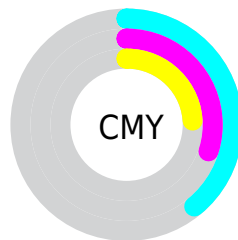
- Red (61%)
- Green (70%)
- Blue (76%)



- Red (61%)
- Yellow (67%)
- Blue (76%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (39%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1489, 0.2810, 0.3071 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 43.1489, 0.2810, 0.3071 by changing the saturation by 10% instead.

■ 43.1489, 0.2810,
0.3071

■ 43.1489, 0.2810,
0.3071

■ 359.2238, 0.2969,
0.3183

■ 30.0020, 0.2770,
0.3042

■ 79.9355, 0.2868,
0.3112

■ 19.8401, 0.2719,
0.3005

■ 104.3440, 0.2890,
0.3127

■ 12.2788, 0.2651,
0.2955

■ 133.2751, 0.2908,
0.3140

■ 6.9339, 0.2555,
0.2884

■ 167.1132, 0.2924,
0.3151

■ 3.4208, 0.2413,
0.2776

■ 206.2427, 0.2937,
0.3161

■ 1.3552, 0.2180,
0.2592

■ 251.0480, 0.2949,

■ 0.1833, 0.0483,

0.3169

0.1526

301.9136, 0.2960,
0.3176

0.0000, 0.0000,
0.0000

43.1489, 0.2810,
0.3071

43.1489, 0.2810,
0.3071

38.3422, 0.2654,
0.2948

48.4468, 0.2966,
0.3183

34.0036, 0.2501,
0.2814

54.2474, 0.3119,
0.3285

30.1157, 0.2356,
0.2672

60.5682, 0.3268,
0.3376

26.6579, 0.2222,
0.2523

67.4242, 0.3410,
0.3456

23.6073, 0.2103,
0.2369

74.8300, 0.3545,
0.3527

■ 20.9382, 0.2003,
0.2215

■ 79.4395, 0.3547,
0.3603

■ 18.6207, 0.1925,
0.2062

■ 83.7625, 0.3530,
0.3679

■ 16.6987, 0.1867,
0.1921

■ 88.2800, 0.3513,
0.3753

■ 92.9946, 0.3496,
0.3826

Harmonies

Analogous

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



43.1489, 0.2813, 0.3197



43.1489, 0.2810, 0.3071



43.1489, 0.2889, 0.3008

Triad

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



43.1489, 0.2810, 0.3071



43.1489, 0.3359, 0.3223



43.1489, 0.3216, 0.3580

Complementary

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



43.1489, 0.2810, 0.3071



43.0709, 0.3491, 0.3499

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.



43.1489, 0.3367, 0.3579



43.1489, 0.2810, 0.3071



43.1489, 0.3452, 0.3369

Square

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



43.1489, 0.2810, 0.3071



43.1489, 0.3204, 0.3096



43.1489, 0.3454, 0.3500



43.1489, 0.3045, 0.3497

Rectangle

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



43.1489, 0.2810, 0.3071



43.1489, 0.2979, 0.3007



43.1489, 0.3454, 0.3500



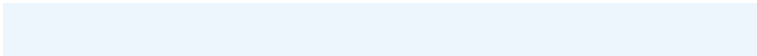
43.1489, 0.3271, 0.3589

Sweetspot

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



43.1507, 0.2810, 0.3071



91.2708, 0.3034, 0.3230



48.9067, 0.2992, 0.3630



19.8369, 0.3024, 0.3223



0.0000, 0.0000, 0.0000



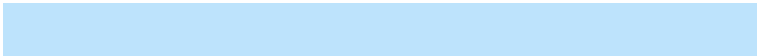
21.4041, 0.3127, 0.3290

Same Dimension

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



43.1507, 0.2810, 0.3071



72.9973, 0.2734, 0.3012



35.9191, 0.2792, 0.2796



10.7319, 0.2984, 0.3196



11.0219, 0.1873, 0.1941



0.6080, 0.1965, 0.2275

Inverse Universe

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



38.2868, 0.3297, 0.2981



62.8803, 0.3347, 0.2904



50.9344, 0.3444, 0.3740



10.1772, 0.3197, 0.3153



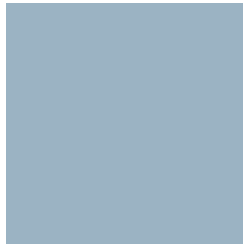
8.3949, 0.4520, 0.2264



0.3760, 0.4153, 0.2061

Previews

White Background



This preview shows how the Yxy color 43.1489, 0.2810, 0.3071 looks on a white background.

Color Contrast Check

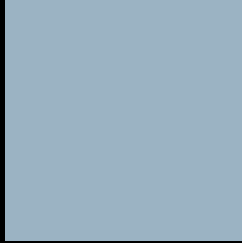
Large Text (above 18pt) WCAG AA × Fail

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 43.1489, 0.2810, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

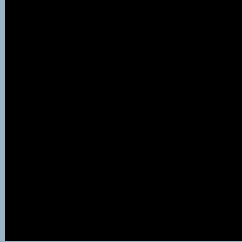
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

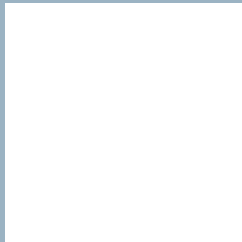
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1489, 0.2810, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 43.1489, 0.2810, 0.3071.



This preview shows how white text looks on a background with the Yxy color 43.1489, 0.2810, 0.3071.

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

43.1489, 0.2810, 0.3071

Protanopia

42.9621, 0.2975, 0.3051

Deuteranopia

43.1021, 0.3012, 0.2955



Tritanopia

43.1038, 0.2817, 0.3084

Trichromacy



Original Color

43.1489, 0.2810, 0.3071

Protanomaly

43.0079, 0.2910, 0.3061

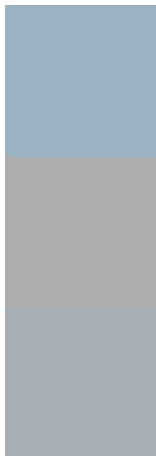
Deuteranomaly

43.0283, 0.2936, 0.2999

Tritanomaly

43.1038, 0.2817, 0.3084

Monochromacy



Original Color

43.1489, 0.2810, 0.3071

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 43.1489, 0.2810, 0.3071 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(155, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(155, 179, 195)  
}
```

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(155, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 179, 195) }
```

Border

The CSS property to change the border of an element to Yxy 43.1489, 0.2810, 0.3071 is called "border". The border property can be set on classes, ids or directly on the HTML element.

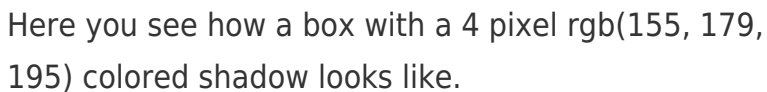
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 179, 195) }
```

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

```
.border{ border-color:rgb(155, 179, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 179, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 179, 195); box-shadow:4px 4px 4px 4px rgb(155, 179, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1489, 0.2810, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 179, 195) }
```

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

```
.background{ background-color: rgb(155,  
179, 195) }
```

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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