

Converting Colors

$Yxy(43.8422, 0.2719, 0.2877)$

Have a look what the booklet for
Yxy(43.8422, 0.2719, 0.2877)
contains.

Yxy(43.9613, 0.2715, 0.2879)	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(43.9613, 0.2715, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	9CB3D2
RGB	156, 179, 210
RGB Percent	61%, 70%, 82%
CMY	0.3884, 0.2980, 0.1764
CMYK	0.26, 0.15, 0.00, 0.18
HSL	214°, 38%, 72%
HSV	214°, 26%, 82%
XYZ	41.4571, 43.9613, 67.2780
YIQ	175.6570, -23.6590, 4.7650

Conversions

Conversions Part 2

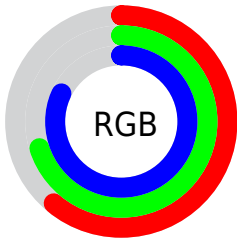
Format	Color
RYB	156, 172, 210
Decimal	10269650
CIELab	72.20, -0.99, -18.27
CIELCh	72, 18.300, 266.887
Yxy	43.9613, 0.2715, 0.2879
Android (android.graphics.Color)	4288459730 (0xFF9CB3D2)
YUV	175.6570, 16.9311, -17.2392
Hunter-Lab	66.3033, -4.4212, -13.7493

Details

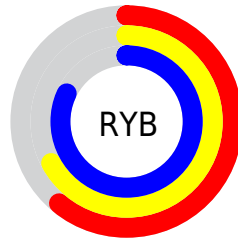
The Yxy color **43.9613, 0.2715, 0.2879** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.6203, 0.3578, 0.3669**, and the grayscale version is **43.1450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4855, 0.2856, 0.3080**, and **20.2313, 0.2606, 0.2763** is the 20% darker color. If you saturate the color by 10%, you get **37.4283, 0.2545, 0.2689**, and if you desaturate by 10%, it is **51.2816, 0.2881, 0.3052**.

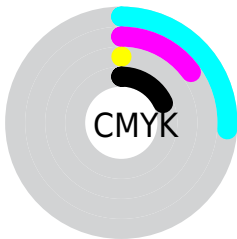
Distribution



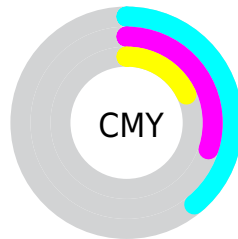
- Red (61%)
- Green (70%)
- Blue (82%)



- Red (61%)
- Yellow (67%)
- Blue (82%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (39%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9613, 0.2715, 0.2879 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 43.9613, 0.2715, 0.2879 by changing the saturation by 10% instead.

■ 43.9613, 0.2715,
0.2879

■ 43.9613, 0.2715,
0.2879

■ 362.5503, 0.2921,
0.3085

■ 30.6401, 0.2664,
0.2828

■ 81.1595, 0.2790,
0.2954

■ 20.3249, 0.2599,
0.2762

■ 105.8053, 0.2818,
0.2982

■ 12.6315, 0.2513,
0.2675

■ 134.9947, 0.2841,
0.3006

■ 7.1753, 0.2394,
0.2555

■ 169.1122, 0.2862,
0.3026

■ 3.5720, 0.2221,
0.2379

■ 208.5421, 0.2879,
0.3044

■ 1.4371, 0.1947,
0.2100

■ 253.6688, 0.2895,

■ 0.2438, 0.0980,

0.3059

0.1151

304.8768, 0.2909,
0.3073

0.0000, 0.0000,
0.0000

43.9613, 0.2715,
0.2879

43.9613, 0.2715,
0.2879

37.4283, 0.2545,
0.2689

51.2816, 0.2881,
0.3052

31.6478, 0.2376,
0.2484

59.4115, 0.3040,
0.3208

26.5902, 0.2213,
0.2267

68.3788, 0.3190,
0.3347

22.2214, 0.2060,
0.2044

78.2086, 0.3331,
0.3470

18.5039, 0.1926,
0.1821

87.7769, 0.3419,
0.3581

■ 15.3954, 0.1816,
0.1607

■ 95.0729, 0.3400,
0.3696

■ 12.8461, 0.1732,
0.1407

■ 97.4336, 0.3394,
0.3731

■ 11.8975, 0.1702,
0.1327

Harmonies

Analogous

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



43.9613, 0.2635, 0.3003



43.9613, 0.2715, 0.2879



43.9613, 0.2903, 0.2863

Triad

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



43.9613, 0.2715, 0.2879



43.9613, 0.3596, 0.3335



43.9613, 0.3079, 0.3666

Complementary

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



43.9613, 0.2715, 0.2879



51.6203, 0.3578, 0.3669

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.



43.9613, 0.3340, 0.3753



43.9613, 0.2715, 0.2879



43.9613, 0.3645, 0.3547

Square

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



43.9613, 0.2715, 0.2879



43.9613, 0.3415, 0.3121



43.9613, 0.3549, 0.3704



43.9613, 0.2839, 0.3463

Rectangle

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



43.9613, 0.2715, 0.2879



43.9613, 0.3070, 0.2912



43.9613, 0.3549, 0.3704



43.9613, 0.3167, 0.3710

Sweetspot

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



43.9631, 0.2715, 0.2879



89.0969, 0.3003, 0.3173



56.7309, 0.2896, 0.3597



18.6518, 0.2979, 0.3150



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.



43.9631, 0.2715, 0.2879



62.3767, 0.2620, 0.2774



35.8432, 0.2715, 0.2566



12.2350, 0.2982, 0.3153



7.4472, 0.1710, 0.1354



0.5723, 0.1810, 0.1717

Inverse Universe

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



40.7197, 0.3442, 0.3008



56.9280, 0.3534, 0.2943



61.6761, 0.3484, 0.3935



11.8908, 0.3225, 0.3191



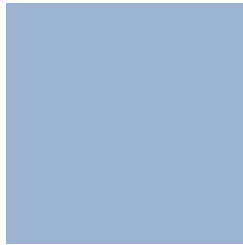
8.8231, 0.5252, 0.2667



0.5091, 0.4786, 0.2410

Previews

White Background



This preview shows how the Yxy color 43.9613, 0.2715, 0.2879 looks on a white background.

Color Contrast Check

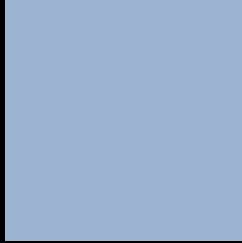
Large Text (above 18pt) WCAG AA × Fail

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 43.9613, 0.2715, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

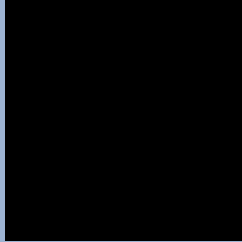
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

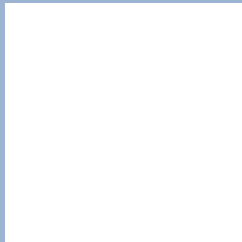
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9613, 0.2715, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 43.9613, 0.2715, 0.2879.



This preview shows how white text looks on a background with the Yxy color 43.9613, 0.2715, 0.2879.

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

43.9613, 0.2715, 0.2879

Protanopia

43.7110, 0.2839, 0.2874

Deuteranopia

43.9374, 0.2864, 0.2807



Tritanopia

43.8056, 0.2790, 0.3084

Trichromacy



Original Color

43.9613, 0.2715, 0.2879

Protanomaly

43.6041, 0.2793, 0.2871

Deuteranomaly

43.7981, 0.2803, 0.2825

Tritanomaly

43.7296, 0.2762, 0.3005

Monochromacy



Original Color

43.9613, 0.2715, 0.2879

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5101, 0.2972, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9613, 0.2715, 0.2879 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(156, 179, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 179, 210) }
```

Border

The CSS property to change the border of an element to Yxy 43.9613, 0.2715, 0.2879 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, 210) }
```

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

```
.border{ border-color:rgb(156, 179, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 179, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 179, 210);  
box-shadow:4px 4px 4px 4px rgb(156, 179,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9613, 0.2715, 0.2879 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, 210) }
```

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

```
.background{ background-color: rgb(156,  
179, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor