

Converting Colors

$Yxy(43.9591, 0.2823, 0.2922)$

Have a look what the booklet for
Yxy(43.9591, 0.2823, 0.2922)
contains.

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Color

Yxy(43.9591, 0.2823, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	A6B1CD
RGB	166, 177, 205
RGB Percent	65%, 69%, 80%
CMY	0.3490, 0.3059, 0.1960
CMYK	0.19, 0.14, 0.00, 0.20
HSL	223°, 28%, 73%
HSV	223°, 19%, 80%
XYZ	42.4697, 43.9591, 64.0130
YIQ	176.9030, -15.5440, 6.3760

Conversions

Conversions Part 2

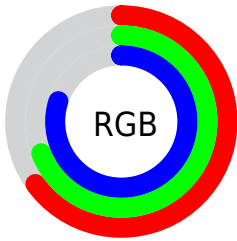
Format	Color
R _{YB}	166, 175, 205
Decimal	10924493
CIE Lab	72.20, 2.08, -15.47
CIE LCh	72, 15.613, 277.638
Yxy	43.9591, 0.2823, 0.2922
Android (android.graphics.Color)	4289114573 (0xFFA6B1CD)
YUV	176.9030, 13.8518, -9.5619
Hunter-Lab	66.3017, -1.6892, -10.8322

Details

The Yxy color **43.9591, 0.2823, 0.2922** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.3282, 0.3434, 0.3633**, and the grayscale version is **43.8467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8700, 0.2917, 0.3063**, and **20.4790, 0.2738, 0.2824** is the 20% darker color. If you saturate the color by 10%, you get **36.4127, 0.2647, 0.2696**, and if you desaturate by 10%, it is **52.4899, 0.2988, 0.3126**.

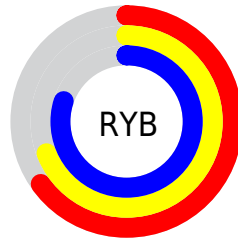
Distribution



Red (65%)

Green (69%)

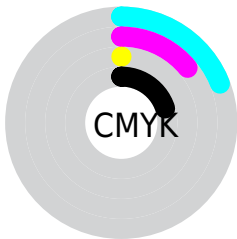
Blue (80%)



Red (65%)

Yellow (69%)

Blue (80%)

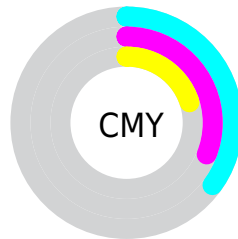


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (20%)



Cyan (35%)


Magenta (31%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9591, 0.2823, 0.2922 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 43.9591, 0.2823, 0.2922 by changing the saturation by 10% instead.


 43.9591, 0.2823,
0.2922


 43.9591, 0.2823,
0.2922


362.5414, 0.2976,
0.3106

 30.6384, 0.2785,
0.2876


 81.1562, 0.2879,
0.2989

 20.3236, 0.2736,
0.2818


 105.8013, 0.2899,
0.3014

 12.6305, 0.2670,
0.2741


134.9901, 0.2917,
0.3035

 7.1746, 0.2579,
0.2634

169.1068, 0.2932,
0.3053

 3.5715, 0.2444,
0.2477

208.5359, 0.2945,
0.3069

 1.4369, 0.2225,
0.2225

253.6617, 0.2957,

 0.2437, 0.1466,

0.3083

0.1265

304.8688, 0.2967,
0.3095

0.0000, 0.0000,
0.0000

43.9591, 0.2823,
0.2922

43.9591, 0.2823,
0.2922

36.4127, 0.2647,
0.2696

52.4899, 0.2988,
0.3126

29.8087, 0.2464,
0.2448

62.0343, 0.3141,
0.3307

24.1101, 0.2279,
0.2185

72.6268, 0.3281,
0.3466

19.2751, 0.2100,
0.1912

84.2986, 0.3408,
0.3605

15.2584, 0.1934,
0.1640

94.4257, 0.3431,
0.3740

■ 12.0100, 0.1792,
0.1383

■ 97.1885, 0.3424,
0.3780

■ 9.4735, 0.1681,
0.1153

■ 7.5709, 0.1603,
0.0961

■ 7.4121, 0.1596,
0.0945

Harmonies

Analogous

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



43.9591, 0.2718, 0.2998



43.9591, 0.2823, 0.2922



43.9591, 0.3011, 0.2941

Triad

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



43.9591, 0.2823, 0.2922



43.9591, 0.3555, 0.3398



43.9591, 0.3009, 0.3556

Complementary

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



43.9591, 0.2823, 0.2922



54.3282, 0.3434, 0.3633

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.



43.9591, 0.3232, 0.3670



43.9591, 0.2823, 0.2922



43.9591, 0.3552, 0.3568

Square

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



43.9591, 0.2823, 0.2922



43.9591, 0.3438, 0.3209



43.9591, 0.3432, 0.3671



43.9591, 0.2822, 0.3364

Rectangle

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



43.9591, 0.2823, 0.2922



43.9591, 0.3161, 0.3002



43.9591, 0.3432, 0.3671



43.9591, 0.3082, 0.3605

Sweetspot

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



43.9609, 0.2823, 0.2922



90.4013, 0.3035, 0.3181



55.6711, 0.2915, 0.3431



19.1340, 0.3025, 0.3169



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.



43.9609, 0.2823, 0.2922



66.5302, 0.2749, 0.2828



40.7353, 0.2885, 0.2783



11.3502, 0.2983, 0.3119



4.7540, 0.1603, 0.0969



0.3759, 0.1713, 0.1367

Inverse Universe

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



43.4309, 0.3395, 0.3154



65.6959, 0.3471, 0.3122



58.2348, 0.3343, 0.3770



11.2648, 0.3246, 0.3225



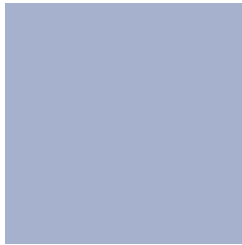
8.2829, 0.5806, 0.2972



0.4405, 0.5235, 0.2658

Previews

White Background



This preview shows how the Yxy color 43.9591, 0.2823, 0.2922 looks on a white background.

Color Contrast Check

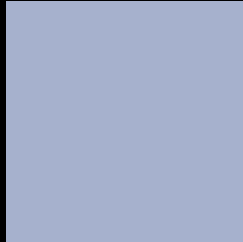
Large Text (above 18pt) WCAG AA × Fail

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 43.9591, 0.2823, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

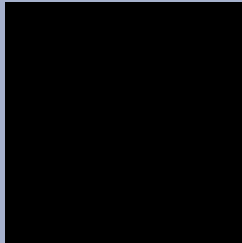
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9591, 0.2823, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 43.9591, 0.2823, 0.2922.



This preview shows how white text looks on a background with the Yxy color 43.9591, 0.2823, 0.2922.

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

43.9591, 0.2823, 0.2922

Protanopia

43.7902, 0.2876, 0.2913

Deuteranopia

44.0467, 0.2926, 0.2870



Tritanopia

43.9830, 0.2895, 0.3101

Trichromacy



Original Color

43.9591, 0.2823, 0.2922

Protanomaly

43.9563, 0.2861, 0.2925

Deuteranomaly

43.8423, 0.2885, 0.2878

Tritanomaly

43.8713, 0.2873, 0.3036

Monochromacy



Original Color

43.9591, 0.2823, 0.2922

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.9164, 0.3014, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9591, 0.2823, 0.2922 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(166, 177, 205)` looks like.

```
.text, #text, p{  
    color:rgb(166, 177, 205)  
}
```

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(166, 177, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 177, 205) }
```

Border

The CSS property to change the border of an element to Yxy 43.9591, 0.2823, 0.2922 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(166, 177, 205) }
```

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

```
.border{ border-color:rgb(166, 177, 205) }
```

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

Here you see how a box with a 4 pixel rgb(166, 177, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 177, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 177, 205);  
box-shadow:4px 4px 4px 4px rgb(166, 177,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9591, 0.2823, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 177, 205) }
```

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

```
.background{ background-color: rgb(166,  
177, 205) }
```

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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