

Converting Colors

$Y_{xy}(41.4819, 0.2894, 0.2943)$

Have a look what the booklet for
Yxy(41.4819, 0.2894, 0.2943)
contains.

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Color

Yxy(41.4819, 0.2894, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	A8ABC5
RGB	168, 171, 197
RGB Percent	66%, 67%, 77%
CMY	0.3411, 0.3294, 0.2275
CMYK	0.15, 0.13, 0.00, 0.23
HSL	234°, 20%, 72%
HSV	234°, 15%, 77%
XYZ	40.7912, 41.4819, 58.6779
YIQ	173.0670, -10.1340, 7.4500

Conversions

Conversions Part 2

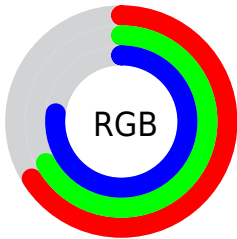
Format	Color
R_{YB}	168, 171, 197
Decimal	11054021
CIE _{Lab}	70.51, 4.25, -13.60
CIE _{LCh}	71, 14.245, 287.364
Yxy	41.4819, 0.2894, 0.2943
Android (android.graphics.Color)	4289244101 (0xFFA8ABC5)
YUV	173.0670, 11.7990, -4.4438
Hunter-Lab	64.4064, 0.3401, -8.9320

Details

The Yxy color $41.4819, 0.2894, 0.2943$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $53.2868, 0.3350, 0.3615$, and the grayscale version is $41.7695, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.2364, 0.2933, 0.3000$, and $18.8898, 0.2830, 0.2850$ is the 20% darker color. If you saturate the color by 10%, you get $33.2470, 0.2714, 0.2670$, and if you desaturate by 10%, it is $50.9403, 0.3057, 0.3186$.

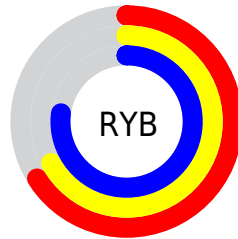
Distribution



Red (66%)

Green (67%)

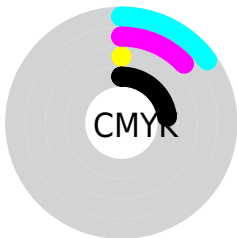
Blue (77%)



Red (66%)

Yellow (67%)

Blue (77%)

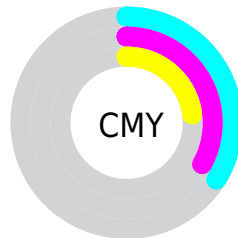


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (34%)

Magenta (33%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4819, 0.2894, 0.2943 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 41.4819, 0.2894, 0.2943 by changing the saturation by 10% instead.

■ 41.4819, 0.2894,
0.2943

■ 41.4819, 0.2894,
0.2943

■ 352.3307, 0.3013,
0.3117

■ 28.6958, 0.2864,
0.2899

■ 77.4149, 0.2938,
0.3006

■ 18.8508, 0.2824,
0.2843

■ 101.3306, 0.2954,
0.3030

■ 11.5625, 0.2771,
0.2768

■ 129.7250, 0.2968,
0.3050

■ 6.4466, 0.2696,
0.2664

■ 162.9824, 0.2979,
0.3068

■ 3.1185, 0.2582,
0.2508

■ 201.4873, 0.2989,
0.3083

■ 1.1939, 0.2389,
0.2253

■ 245.6241, 0.2998,

■ 0.0567, 0.1285,

0.3096

0.0462

295.7771, 0.3006,
0.3107

0.0000, 0.0000,
0.0000

41.4819, 0.2894,
0.2943

41.4819, 0.2894,
0.2943

33.2470, 0.2714,
0.2670

50.9403, 0.3057,
0.3186

26.1806, 0.2520,
0.2371

61.6639, 0.3202,
0.3399

20.2310, 0.2317,
0.2052

73.6989, 0.3330,
0.3585

15.3410, 0.2114,
0.1725

87.0878, 0.3442,
0.3745

11.4478, 0.1923,
0.1408

96.8111, 0.3472,
0.3860

■ 8.4823, 0.1758,
0.1123

■ 6.3663, 0.1630,
0.0891

■ 5.0084, 0.1548,
0.0727

■ 4.5417, 0.1519,
0.0668

Harmonies

Analogous

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



41.4819, 0.2767, 0.2986



41.4819, 0.2894, 0.2943



41.4819, 0.3086, 0.2988

Triad

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



41.4819, 0.2894, 0.2943



41.4819, 0.3537, 0.3447



41.4819, 0.2955, 0.3484

Complementary

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



41.4819, 0.2894, 0.2943



53.2868, 0.3350, 0.3615

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.



41.4819, 0.3158, 0.3619



41.4819, 0.2894, 0.2943



41.4819, 0.3497, 0.3589

Square

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



41.4819, 0.2894, 0.2943



41.4819, 0.3462, 0.3272



41.4819, 0.3357, 0.3655



41.4819, 0.2802, 0.3295

Rectangle

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



41.4819, 0.2894, 0.2943



41.4819, 0.3227, 0.3060



41.4819, 0.3357, 0.3655



41.4819, 0.3019, 0.3538

Sweetspot

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



41.4836, 0.2894, 0.2943



92.4171, 0.3067, 0.3201



52.1356, 0.2929, 0.3333



19.4848, 0.3055, 0.3183



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.



41.4836, 0.2894, 0.2943



68.7956, 0.2832, 0.2849



41.6408, 0.2987, 0.2913



10.4603, 0.2983, 0.3076



3.0465, 0.1522, 0.0679



0.2054, 0.1590, 0.0923

Inverse Universe

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



42.8213, 0.3371, 0.3252



71.7562, 0.3443, 0.3243



53.1841, 0.3253, 0.3661



10.6544, 0.3274, 0.3267



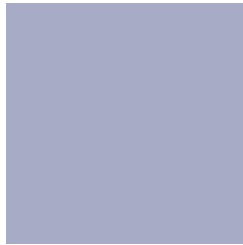
7.8475, 0.6267, 0.3226



0.3777, 0.5876, 0.3011

Previews

White Background



This preview shows how the Yxy color 41.4819, 0.2894, 0.2943 looks on a white background.

Color Contrast Check

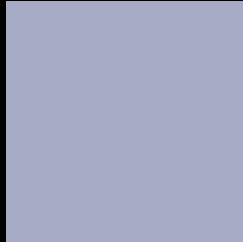
Large Text (above 18pt) WCAG AA × Fail

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 41.4819, 0.2894, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

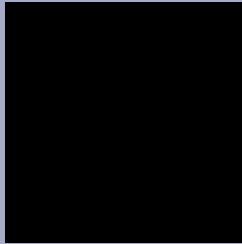
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4819, 0.2894, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 41.4819, 0.2894, 0.2943.



This preview shows how white text looks on a background with the Yxy color 41.4819, 0.2894, 0.2943.

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

41.4819, 0.2894, 0.2943

Protanopia

41.4819, 0.2894, 0.2943

Deuteranopia

41.4296, 0.2961, 0.2898



Tritanopia

41.5393, 0.2962, 0.3112

Trichromacy



Original Color

41.4819, 0.2894, 0.2943

Protanomaly

41.4819, 0.2894, 0.2943

Deuteranomaly

41.4518, 0.2936, 0.2909

Tritanomaly

41.4382, 0.2939, 0.3046

Monochromacy



Original Color

41.4819, 0.2894, 0.2943

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5404, 0.3037, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4819, 0.2894, 0.2943 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(168, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(168, 171, 197)  
}
```

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(168, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 171, 197) }
```

Border

The CSS property to change the border of an element to Yxy 41.4819, 0.2894, 0.2943 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(168, 171, 197) }
```

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

```
.border{ border-color:rgb(168, 171, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 171, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(168, 171,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4819, 0.2894, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 171, 197) }
```

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

```
.background{ background-color: rgb(168,  
171, 197) }
```

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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