

Converting Colors

$Yxy(41.4621, 0.2832, 0.2942)$

Have a look what the booklet for
Yxy(41.4621, 0.2832, 0.2942)
contains.

Yxy(41.6457, 0.2839, 0.2953)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.6457, 0.2839, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	A2ADC6
RGB	162, 173, 198
RGB Percent	64%, 68%, 78%
CMY	0.3646, 0.3216, 0.2236
CMYK	0.18, 0.13, 0.00, 0.22
HSL	222°, 24%, 71%
HSV	222°, 18%, 78%
XYZ	40.0380, 41.6457, 59.3448
YIQ	172.5610, -14.5810, 5.4430

Conversions

Conversions Part 2

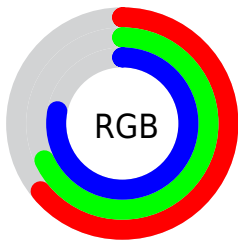
Format	Color
RYB	162, 170, 198
Decimal	10661318
CIELab	70.63, 1.43, -14.01
CIELCh	71, 14.087, 275.807
Yxy	41.6457, 0.2839, 0.2953
Android (android.graphics.Color)	4288851398 (0xFFA2ADC6)
YUV	172.5610, 12.5414, -9.2620
Hunter-Lab	64.5335, -2.1883, -9.3494

Details

The Yxy color **41.6457, 0.2839, 0.2953** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.1552, 0.3421, 0.3606**, and the grayscale version is **41.4966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4585, 0.2890, 0.3008**, and **19.0034, 0.2757, 0.2862** is the 20% darker color. If you saturate the color by 10%, you get **34.7284, 0.2666, 0.2737**, and if you desaturate by 10%, it is **49.4358, 0.3002, 0.3147**.

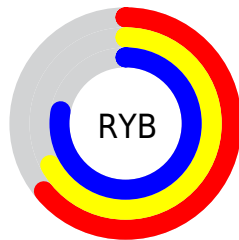
Distribution



Red (64%)

Green (68%)

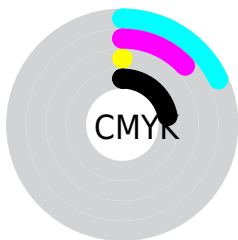
Blue (78%)



Red (64%)

Yellow (67%)

Blue (78%)

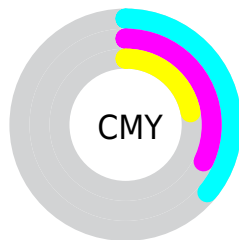


Cyan (18%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (36%)


Magenta (32%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6457, 0.2839, 0.2953 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 41.6457, 0.2839, 0.2953 by changing the saturation by 10% instead.

 41.6457, 0.2839,
0.2953


 41.6457, 0.2839,
0.2953


353.0121, 0.2985,
0.3123

 28.8240, 0.2802,
0.2910


 77.6631, 0.2892,
0.3015

 18.9477, 0.2754,
0.2855

 101.6276, 0.2912,
0.3038

 11.6325, 0.2690,
0.2781


130.0751, 0.2929,
0.3058

 6.4940, 0.2600,
0.2678

163.3901, 0.2944,
0.3075

 3.1477, 0.2464,
0.2523

201.9569, 0.2956,
0.3089

 1.2093, 0.2238,
0.2269

246.1599, 0.2967,

 0.0693, 0.0820,

0.3102

0.0564

296.3835, 0.2977,
0.3113

0.0000, 0.0000,
0.0000

41.6457, 0.2839,
0.2953

41.6457, 0.2839,
0.2953

34.7284, 0.2666,
0.2737

49.4358, 0.3002,
0.3147

28.6472, 0.2486,
0.2500

58.1236, 0.3154,
0.3320

23.3703, 0.2304,
0.2247

67.7390, 0.3293,
0.3472

18.8616, 0.2127,
0.1984

78.3093, 0.3420,
0.3605

15.0821, 0.1963,
0.1719

88.7023, 0.3493,
0.3727

■ 11.9889, 0.1820,
0.1465

■ 96.8565, 0.3466,
0.3850

■ 9.5336, 0.1707,
0.1234

■ 7.6522, 0.1625,
0.1035

■ 7.3559, 0.1612,
0.1002

Harmonies

Analogous

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



41.6457, 0.2747, 0.3029



41.6457, 0.2839, 0.2953



41.6457, 0.3009, 0.2965

Triad

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



41.6457, 0.2839, 0.2953



41.6457, 0.3516, 0.3380



41.6457, 0.3031, 0.3542

Complementary

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



41.6457, 0.2839, 0.2953



50.1552, 0.3421, 0.3606

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.



41.6457, 0.3237, 0.3641



41.6457, 0.2839, 0.2953



41.6457, 0.3521, 0.3538

Square

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



41.6457, 0.2839, 0.2953



41.6457, 0.3403, 0.3206



41.6457, 0.3417, 0.3637



41.6457, 0.2855, 0.3370

Rectangle

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



41.6457, 0.2839, 0.2953



41.6457, 0.3145, 0.3018



41.6457, 0.3417, 0.3637



41.6457, 0.3099, 0.3586

Sweetspot

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



41.6474, 0.2839, 0.2953



92.1401, 0.3051, 0.3203



51.6354, 0.2933, 0.3440



19.4925, 0.3040, 0.3190



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.



41.6474, 0.2839, 0.2953



68.4754, 0.2768, 0.2866



38.3161, 0.2887, 0.2808



10.8069, 0.2983, 0.3125



4.9184, 0.1618, 0.1025



0.3626, 0.1738, 0.1458

Inverse Universe

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



40.8683, 0.3372, 0.3150



67.0202, 0.3442, 0.3116



54.1180, 0.3342, 0.3745



10.6894, 0.3242, 0.3220



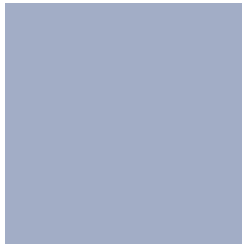
8.0365, 0.5721, 0.2925



0.3936, 0.5114, 0.2591

Previews

White Background



This preview shows how the Yxy color 41.6457, 0.2839, 0.2953 looks on a white background.

Color Contrast Check

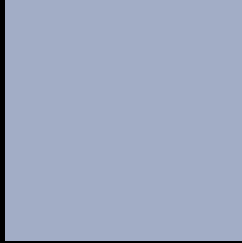
Large Text (above 18pt) WCAG AA × Fail

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 41.6457, 0.2839, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

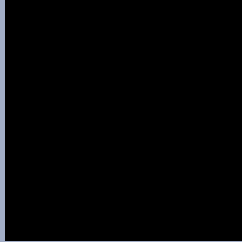
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6457, 0.2839, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 41.6457, 0.2839, 0.2953.



This preview shows how white text looks on a background with the Yxy color 41.6457, 0.2839, 0.2953.

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

41.6457, 0.2839, 0.2953

Protanopia

41.4819, 0.2894, 0.2943

Deuteranopia

41.4759, 0.2953, 0.2886



Tritanopia

41.7644, 0.2898, 0.3111

Trichromacy



Original Color

41.6457, 0.2839, 0.2953

Protanomaly

41.6433, 0.2878, 0.2955

Deuteranomaly

41.6436, 0.2912, 0.2908

Tritanomaly

41.6549, 0.2876, 0.3044

Monochromacy



Original Color

41.6457, 0.2839, 0.2953

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6996, 0.3019, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6457, 0.2839, 0.2953 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(162, 173, 198)` looks like.

```
.text, #text, p{  
    color:rgb(162, 173, 198)  
}
```

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(162, 173, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 173, 198) }
```

Border

The CSS property to change the border of an element to Yxy 41.6457, 0.2839, 0.2953 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(162, 173, 198) }
```

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

```
.border{ border-color:rgb(162, 173, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 173, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 173, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 173, 198);  
box-shadow:4px 4px 4px 4px rgb(162, 173,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6457, 0.2839, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 173, 198) }
```

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

```
.background{ background-color: rgb(162,  
173, 198) }
```

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