

Converting Colors

$Y_{xy}(41.3546, 0.2879, 0.2892)$

Have a look what the booklet for
Yxy(41.3546, 0.2879, 0.2892)
contains.

Yxy(41.3546, 0.2879, 0.2892)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.3546, 0.2879, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	A9AAC8
RGB	169, 170, 200
RGB Percent	66%, 67%, 78%
CMY	0.3372, 0.3334, 0.2156
CMYK	0.15, 0.15, 0.00, 0.22
HSL	238°, 22%, 72%
HSV	238°, 15%, 78%
XYZ	41.1687, 41.3546, 60.4732
YIQ	173.1210, -10.2260, 9.1180

Conversions

Conversions Part 2

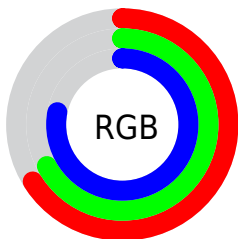
Format	Color
R_{YB}	169, 170, 200
Decimal	11119304
CIE _{Lab}	70.42, 5.79, -15.39
CIE _{LCh}	70, 16.446, 290.624
Yxy	41.3546, 0.2879, 0.2892
Android (android.graphics.Color)	4289309384 (0xFFA9AAC8)
YUV	173.1210, 13.2513, -3.6141
Hunter-Lab	64.3075, 1.7348, -10.7396

Details

The Yxy color $41.3546, 0.2879, 0.2892$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $56.0243, 0.3359, 0.3659$, and the grayscale version is $41.7923, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9177, 0.2934, 0.2980$, and $18.8141, 0.2809, 0.2781$ is the 20% darker color. If you saturate the color by 10%, you get $32.5725, 0.2694, 0.2594$, and if you desaturate by 10%, it is $51.5495, 0.3045, 0.3158$.

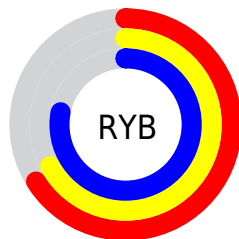
Distribution



Red (66%)

Green (67%)

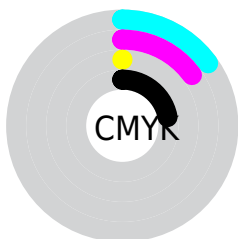
Blue (78%)



Red (66%)

Yellow (67%)

Blue (78%)

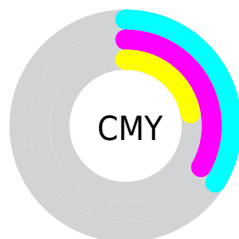


Cyan (15%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (34%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3546, 0.2879, 0.2892 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 41.3546, 0.2879, 0.2892 by changing the saturation by 10% instead.

■ 41.3546, 0.2879,
0.2892

■ 41.3546, 0.2879,
0.2892

■ 351.8005, 0.3006,
0.3091

■ 28.5963, 0.2847,
0.2842

■ 77.2219, 0.2926,
0.2964

■ 18.7756, 0.2805,
0.2779

■ 101.0996, 0.2943,
0.2992

■ 11.5083, 0.2748,
0.2694

■ 129.4527, 0.2958,
0.3015

■ 6.4098, 0.2668,
0.2577

■ 162.6653, 0.2970,
0.3034

■ 3.0958, 0.2546,
0.2403

■ 201.1221, 0.2981,
0.3051

■ 1.1820, 0.2342,
0.2123

■ 245.2072, 0.2990,

■ 0.0469, 0.1358,

0.3066

0.0342

295.3052, 0.2998,
0.3079

0.0000, 0.0000,
0.0000

41.3546, 0.2879,
0.2892

41.3546, 0.2879,
0.2892

32.5725, 0.2694,
0.2594

51.5495, 0.3045,
0.3158

25.1361, 0.2493,
0.2268

63.2103, 0.3190,
0.3391

18.9805, 0.2283,
0.1924

76.3935, 0.3317,
0.3593

14.0334, 0.2073,
0.1579

91.1513, 0.3427,
0.3767

10.2152, 0.1878,
0.1256

96.9515, 0.3454,
0.3830

■ 7.4370, 0.1714,
0.0980

■ 5.5964, 0.1594,
0.0775

■ 4.5702, 0.1525,
0.0650

■ 4.3070, 0.1505,
0.0618

Harmonies

Analogous

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



41.3546, 0.2724, 0.2928



41.3546, 0.2879, 0.2892



41.3546, 0.3105, 0.2954

Triad

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



41.3546, 0.2879, 0.2892



41.3546, 0.3603, 0.3489



41.3546, 0.2905, 0.3493

Complementary

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



41.3546, 0.2879, 0.2892



56.0243, 0.3359, 0.3659

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.



41.3546, 0.3135, 0.3660



41.3546, 0.2879, 0.2892



41.3546, 0.3542, 0.3648

Square

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



41.3546, 0.2879, 0.2892



41.3546, 0.3530, 0.3290



41.3546, 0.3369, 0.3715



41.3546, 0.2738, 0.3270

Rectangle

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



41.3546, 0.2879, 0.2892



41.3546, 0.3268, 0.3042



41.3546, 0.3369, 0.3715



41.3546, 0.2977, 0.3559

Sweetspot

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



41.3563, 0.2879, 0.2892



90.0321, 0.3051, 0.3168



53.8833, 0.2901, 0.3303



18.9820, 0.3040, 0.3151



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.



41.3563, 0.2879, 0.2892



65.5624, 0.2811, 0.2783



42.6851, 0.3001, 0.2894



10.3396, 0.2983, 0.3059



2.7620, 0.1506, 0.0622



0.1497, 0.1529, 0.0702

Inverse Universe

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



43.5710, 0.3407, 0.3279



70.2250, 0.3491, 0.3276



54.5718, 0.3239, 0.3685



10.6422, 0.3285, 0.3283



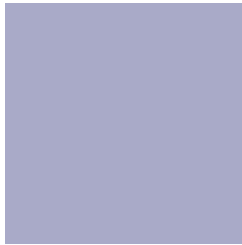
7.8188, 0.6363, 0.3279



0.3721, 0.6229, 0.3205

Previews

White Background



This preview shows how the Yxy color 41.3546, 0.2879, 0.2892 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 41.3546, 0.2879, 0.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

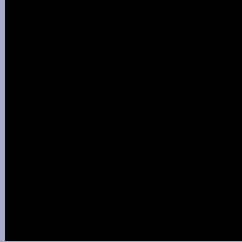
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3546, 0.2879, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 41.3546, 0.2879, 0.2892.



This preview shows how white text looks on a background with the Yxy color 41.3546, 0.2879, 0.2892.

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

41.3546, 0.2879, 0.2892

Protanopia

41.5114, 0.2863, 0.2904

Deuteranopia

41.2894, 0.2928, 0.2871



Tritanopia

41.2657, 0.2970, 0.3099

Trichromacy



Original Color

41.3546, 0.2879, 0.2892

Protanomaly

41.6208, 0.2871, 0.2905

Deuteranomaly

41.4303, 0.2912, 0.2883

Tritanomaly

41.2122, 0.2940, 0.3020

Monochromacy



Original Color

41.3546, 0.2879, 0.2892

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6946, 0.3037, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3546, 0.2879, 0.2892 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(169, 170, 200)` looks like.

```
.text, #text, p{  
    color:rgb(169, 170, 200)  
}
```

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(169, 170, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 170, 200) }
```

Border

The CSS property to change the border of an element to Yxy 41.3546, 0.2879, 0.2892 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(169, 170, 200) }
```

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

```
.border{ border-color:rgb(169, 170, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 170, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 170, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 170, 200);  
box-shadow:4px 4px 4px 4px rgb(169, 170,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3546, 0.2879, 0.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 170, 200) }
```

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

```
.background{ background-color: rgb(169,  
170, 200) }
```

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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