

Converting Colors

$Y_{xy}(38.5244, 0.2922, 0.2872)$

Have a look what the booklet for
Yxy(38.5244, 0.2922, 0.2872)
contains.

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Color

Yxy(38.5244, 0.2922, 0.2872)

Conversions

Conversions Part 1

Format	Color
Hex	A9A3C2
RGB	169, 163, 194
RGB Percent	66%, 64%, 76%
CMY	0.3373, 0.3608, 0.2391
CMYK	0.13, 0.16, 0.00, 0.24
HSL	252°, 20%, 70%
HSV	252°, 16%, 76%
XYZ	39.1951, 38.5244, 56.4184
YIQ	168.3280, -6.3750, 10.9130

Conversions

Conversions Part 2

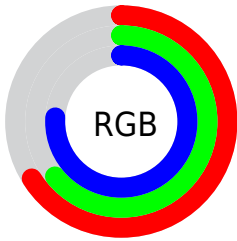
Format	Color
R_{YB}	169, 163, 194
Decimal	11117506
CIE _{Lab}	68.41, 8.35, -15.11
CIE _{LCh}	68, 17.265, 298.916
Yxy	38.5244, 0.2922, 0.2872
Android (android.graphics.Color)	4289307586 (0xFFA9A3C2)
YUV	168.3280, 12.6563, 0.5893
Hunter-Lab	62.0680, 4.1012, -10.4456

Details

The Yxy color **38.5244, 0.2922, 0.2872** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.9326, 0.3314, 0.3688**, and the grayscale version is **39.2663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9551, 0.2957, 0.2946**, and **17.0442, 0.2865, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **30.5265, 0.2770, 0.2574**, and if you desaturate by 10%, it is **47.7901, 0.3056, 0.3142**.

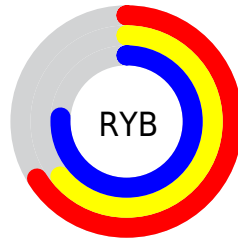
Distribution



Red (66%)

Green (64%)

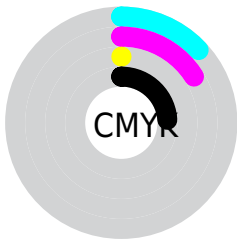
Blue (76%)



Red (66%)

Yellow (64%)

Blue (76%)

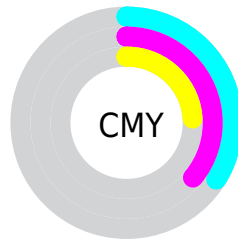


Cyan (13%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (34%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5244, 0.2922, 0.2872 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 38.5244, 0.2922, 0.2872 by changing the saturation by 10% instead.

■ 38.5244, 0.2922,
0.2872

■ 38.5244, 0.2922,
0.2872

■ 339.8642, 0.3029,
0.3083

■ 26.3899, 0.2894,
0.2819

■ 72.9112, 0.2962,
0.2949

■ 17.1156, 0.2857,
0.2751

■ 95.9323, 0.2976,
0.2978

■ 10.3169, 0.2807,
0.2660

■ 123.3511, 0.2989,
0.3002

■ 5.6096, 0.2735,
0.2532

■ 155.5520, 0.2999,
0.3023

■ 2.6092, 0.2623,
0.2341

■ 192.9194, 0.3008,
0.3041

■ 0.9313, 0.2425,
0.2029

■ 235.8376, 0.3016,

■ 0.0000, 0.0400,

0.3057

0.0000

284.6911, 0.3023,
0.3070

■ 0.0000, 0.0000,
0.0000

■ 38.5244, 0.2922,
0.2872

■ 38.5244, 0.2922,
0.2872

■ 30.5265, 0.2770,
0.2574

■ 47.7901, 0.3056,
0.3142

■ 23.7361, 0.2601,
0.2254

■ 58.3706, 0.3172,
0.3383

■ 18.0956, 0.2419,
0.1920

■ 70.3164, 0.3271,
0.3596

■ 13.5402, 0.2230,
0.1589

■ 83.6741, 0.3356,
0.3783

■ 9.9990, 0.2044,
0.1280

■ 95.2452, 0.3438,
0.3900

■ 7.3925, 0.1874,
0.1016

■ 96.6758, 0.3490,
0.3890

■ 5.6286, 0.1731,
0.0815

■ 4.5931, 0.1624,
0.0688

■ 4.2960, 0.1590,
0.0650

Harmonies

Analogous

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



38.5244, 0.2730, 0.2880



38.5244, 0.2922, 0.2872



38.5244, 0.3176, 0.2965

Triad

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



38.5244, 0.2922, 0.2872



38.5244, 0.3635, 0.3557



38.5244, 0.2830, 0.3445

Complementary

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



38.5244, 0.2922, 0.2872



51.9326, 0.3314, 0.3688

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.



38.5244, 0.3063, 0.3650



38.5244, 0.2922, 0.2872



38.5244, 0.3532, 0.3706

Square

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



38.5244, 0.2922, 0.2872



38.5244, 0.3597, 0.3349



38.5244, 0.3320, 0.3745



38.5244, 0.2679, 0.3201

Rectangle

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



38.5244, 0.2922, 0.2872



38.5244, 0.3348, 0.3073



38.5244, 0.3320, 0.3745



38.5244, 0.2901, 0.3521

Sweetspot

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



38.5260, 0.2922, 0.2872



88.1986, 0.3067, 0.3165



47.7916, 0.2885, 0.3214



19.0306, 0.3058, 0.3147



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.



38.5260, 0.2922, 0.2872



64.7279, 0.2874, 0.2776



40.3078, 0.3057, 0.2889



9.8393, 0.3012, 0.3054



2.8513, 0.1599, 0.0655



0.1519, 0.1811, 0.0771

Inverse Universe

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



41.3016, 0.3197, 0.2972



70.6798, 0.3214, 0.2904



50.1003, 0.3187, 0.3704



10.2132, 0.3166, 0.3106



9.1446, 0.3759, 0.1844



0.4039, 0.3615, 0.1765

Previews

White Background



This preview shows how the Yxy color 38.5244, 0.2922, 0.2872 looks on a white background.

Color Contrast Check

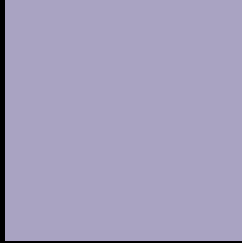
Large Text (above 18pt) WCAG AA × Fail

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 38.5244, 0.2922, 0.2872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

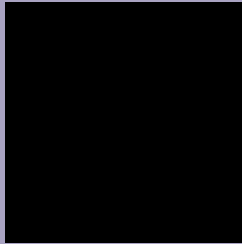
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5244, 0.2922, 0.2872

Background



This preview shows how black text looks on a background with the Yxy color 38.5244, 0.2922, 0.2872.



This preview shows how white text looks on a background with the Yxy color 38.5244, 0.2922, 0.2872.

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

38.5244, 0.2922, 0.2872

Protanopia

38.4729, 0.2840, 0.2866

Deuteranopia

38.6355, 0.2931, 0.2873



Tritanopia

38.6341, 0.3018, 0.3109

Trichromacy



Original Color

38.5244, 0.2922, 0.2872

Protanomaly

38.3836, 0.2872, 0.2868

Deuteranomaly

38.6355, 0.2931, 0.2873

Tritanomaly

38.5864, 0.2986, 0.3028

Monochromacy



Original Color

38.5244, 0.2922, 0.2872

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7716, 0.3052, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5244, 0.2922, 0.2872 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, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(169, 163, 194)  
}
```

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, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 163, 194) }
```

Border

The CSS property to change the border of an element to Yxy 38.5244, 0.2922, 0.2872 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, 163, 194) }
```

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

```
.border{ border-color:rgb(169, 163, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 163, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 163, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 163, 194);  
box-shadow:4px 4px 4px 4px rgb(169, 163,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5244, 0.2922, 0.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 163, 194) }
```

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

```
.background{ background-color: rgb(169,  
163, 194) }
```

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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