

Converting Colors

$Yxy(38.2546, 0.2727, 0.2821)$

Have a look what the booklet for
Yxy(38.2546, 0.2727, 0.2821)
contains.

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Color

Yxy(38.3869, 0.2731, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	97A7C8
RGB	151, 167, 200
RGB Percent	59%, 65%, 78%
CMY	0.4079, 0.3451, 0.2157
CMYK	0.25, 0.17, 0.00, 0.22
HSL	220°, 31%, 69%
HSV	220°, 25%, 78%
XYZ	37.0048, 38.3869, 60.1074
YIQ	165.9780, -20.1290, 6.8710

Conversions

Conversions Part 2

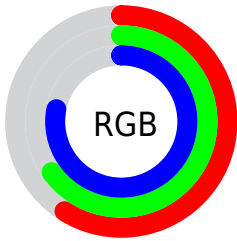
Format	Color
R _Y B	151, 163, 200
Decimal	9938888
CIE Lab	68.30, 1.72, -18.71
CIE LCh	68, 18.792, 275.238
Yxy	38.3869, 0.2731, 0.2833
Android (android.graphics.Color)	4288128968 (0xFF97A7C8)
YUV	165.9780, 16.7728, -13.1357
Hunter-Lab	61.9572, -1.8133, -14.1499

Details

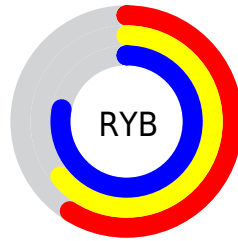
The Yxy color **38.3869, 0.2731, 0.2833** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.7896, 0.3538, 0.3708**, and the grayscale version is **38.0465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5844, 0.2817, 0.2937**, and **16.9894, 0.2611, 0.2694** is the 20% darker color. If you saturate the color by 10%, you get **31.9552, 0.2555, 0.2611**, and if you desaturate by 10%, it is **45.6599, 0.2900, 0.3035**.

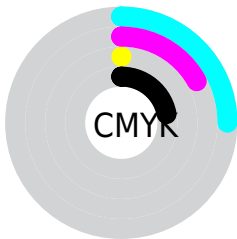
Distribution



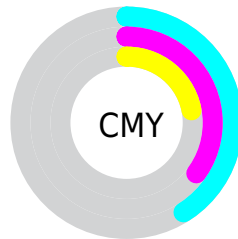
- Red (59%)
- Green (65%)
- Blue (78%)



- Red (59%)
- Yellow (64%)
- Blue (78%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (41%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.3869, 0.2731, 0.2833 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 38.3869, 0.2731, 0.2833 by changing the saturation by 10% instead.

0.3037

0.0000

284.1691, 0.2922,
0.3052

■ 38.3869, 0.2731,
0.2833

■ 38.3869, 0.2731,
0.2833

■ 31.9552, 0.2555,
0.2611

■ 45.6599, 0.2900,
0.3035

■ 26.3283, 0.2375,
0.2371

■ 53.7998, 0.3059,
0.3215

■ 21.4734, 0.2198,
0.2118

■ 62.8368, 0.3207,
0.3375

■ 17.3535, 0.2031,
0.1860

■ 72.7980, 0.3342,
0.3516

■ 13.9283, 0.1882,
0.1606

■ 83.7097, 0.3466,
0.3639

■ 11.1529, 0.1758,
0.1368

■ 92.4368, 0.3468,
0.3764

■ 8.9751, 0.1666,
0.1156

■ 96.9505, 0.3454,
0.3830

■ 7.9937, 0.1626,
0.1054

Harmonies

Analogous

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



38.3869, 0.2611, 0.2933



38.3869, 0.2731, 0.2833



38.3869, 0.2958, 0.2849

Triad

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



38.3869, 0.2731, 0.2833



38.3869, 0.3661, 0.3403



38.3869, 0.2998, 0.3644

Complementary

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



38.3869, 0.2731, 0.2833



48.7896, 0.3538, 0.3708

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.



38.3869, 0.3279, 0.3778



38.3869, 0.2731, 0.2833



38.3869, 0.3669, 0.3620

Rectangle

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



38.3869, 0.2731, 0.2833



38.3869, 0.3144, 0.2920



38.3869, 0.3527, 0.3763



38.3869, 0.3091, 0.3704

Sweetspot

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



38.3884, 0.2731, 0.2833



89.3419, 0.3019, 0.3171



51.3372, 0.2874, 0.3511



18.9340, 0.3009, 0.3160



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.



38.3884, 0.2731, 0.2833



60.8174, 0.2645, 0.2727



33.6856, 0.2782, 0.2616



10.8442, 0.2983, 0.3130



5.2288, 0.1633, 0.1078



0.3805, 0.1753, 0.1512

Inverse Universe

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



37.1991, 0.3471, 0.3085



58.7465, 0.3563, 0.3041



54.7319, 0.3425, 0.3910



10.6931, 0.3239, 0.3215



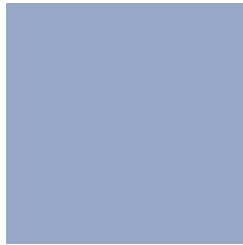
8.0678, 0.5642, 0.2882



0.3954, 0.5044, 0.2552

Previews

White Background



This preview shows how the Yxy color 38.3869, 0.2731, 0.2833 looks on a white background.

Color Contrast Check

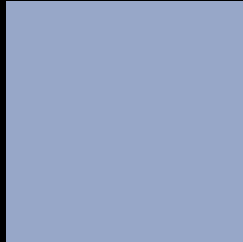
Large Text (above 18pt) WCAG AA × Fail

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 38.3869, 0.2731, 0.2833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

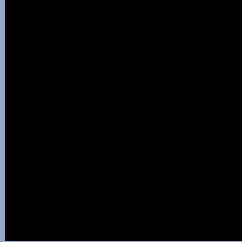
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3869, 0.2731, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 38.3869, 0.2731, 0.2833.



This preview shows how white text looks on a background with the Yxy color 38.3869, 0.2731, 0.2833.

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

38.3869, 0.2731, 0.2833

Protanopia

38.4047, 0.2801, 0.2826

Deuteranopia

38.4108, 0.2834, 0.2780



Tritanopia

38.4642, 0.2834, 0.3103

Trichromacy



Original Color

38.3869, 0.2731, 0.2833

Protanomaly

38.4639, 0.2777, 0.2837

Deuteranomaly

38.2415, 0.2793, 0.2788

Tritanomaly

38.4396, 0.2797, 0.3006

Monochromacy



Original Color

38.3869, 0.2731, 0.2833

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.0639, 0.2982, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3869, 0.2731, 0.2833 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(151, 167, 200)` looks like.

```
.text, #text, p{  
    color:rgb(151, 167, 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(151, 167, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 167, 200) }
```

Border

The CSS property to change the border of an element to Yxy 38.3869, 0.2731, 0.2833 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(151, 167, 200) }
```

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

```
.border{ border-color:rgb(151, 167, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 167, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 167, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 167, 200);  
box-shadow:4px 4px 4px 4px rgb(151, 167,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3869, 0.2731, 0.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 167, 200) }
```

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

```
.background{ background-color: rgb(151,  
167, 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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