

Converting Colors

$Y_{xy}(38.3888, 0.3133, 0.2771)$

Have a look what the booklet for
Yxy(38.3888, 0.3133, 0.2771)
contains.

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Color

Yxy(38.3888, 0.3133, 0.2771)

Conversions

Conversions Part 1

Format	Color
Hex	C19AC3
RGB	193, 154, 195
RGB Percent	76%, 60%, 76%
CMY	0.2430, 0.3961, 0.2353
CMYK	0.01, 0.21, 0.00, 0.24
HSL	297°, 25%, 68%
HSV	297°, 21%, 76%
XYZ	43.4039, 38.3888, 56.7450
YIQ	170.3350, 10.0830, 21.0190

Conversions

Conversions Part 2

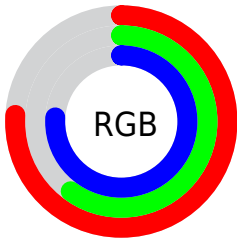
Format	Color
R_{YB}	193, 154, 195
Decimal	12688067
CIE _{Lab}	68.31, 21.65, -15.59
CIE _{LCh}	68, 26.677, 324.233
Yxy	38.3888, 0.3133, 0.2771
Android (android.graphics.Color)	4290878147 (0xFFC19AC3)
YUV	170.3350, 12.1598, 19.8772
Hunter-Lab	61.9587, 16.6167, -10.9298

Details

The Yxy color **38.3888, 0.3133, 0.2771** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.4207, 0.3116, 0.3864**, and the grayscale version is **40.3106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9532, 0.3133, 0.2864**, and **17.1126, 0.3131, 0.2639** is the 20% darker color. If you saturate the color by 10%, you get **32.3470, 0.3134, 0.2521**, and if you desaturate by 10%, it is **45.4802, 0.3131, 0.3021**.

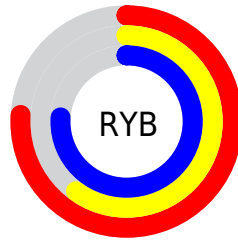
Distribution



Red (76%)

Green (60%)

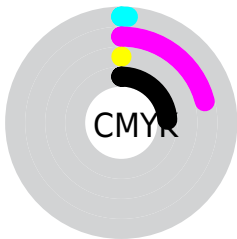
Blue (76%)



Red (76%)

Yellow (60%)

Blue (76%)

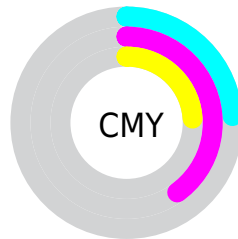


Cyan (1%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3888, 0.3133, 0.2771 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 38.3888, 0.3133, 0.2771 by changing the saturation by 10% instead.

 38.3888, 0.3133,
0.2771


 38.3888, 0.3133,
0.2771


339.2849, 0.3134,
0.3028

 26.2846, 0.3131,
0.2708


 72.7037, 0.3134,
0.2864

 17.0367, 0.3129,
0.2627


 95.6831, 0.3135,
0.2899

 10.2606, 0.3123,
0.2520


123.0564, 0.3135,
0.2929

 5.5721, 0.3114,
0.2374

155.2080, 0.3135,
0.2954

 2.5867, 0.3094,
0.2160

192.5223, 0.3135,
0.2976

 0.9200, 0.3046,
0.1824

235.3836, 0.3135,

 0.0000, 0.2833,

0.2996

0.0000

284.1763, 0.3134,
0.3013

0.0000, 0.0000,
0.0000

38.3888, 0.3133,
0.2771

38.3888, 0.3133,
0.2771

32.3470, 0.3134,
0.2521

45.4802, 0.3131,
0.3021

27.2994, 0.3133,
0.2280

53.6631, 0.3128,
0.3266

23.1929, 0.3130,
0.2058

62.9834, 0.3124,
0.3498

19.9680, 0.3126,
0.1863

73.4828, 0.3119,
0.3717

17.5577, 0.3119,
0.1705

85.2009, 0.3114,
0.3919

■ 15.8861, 0.3110,
0.1588

■ 87.5484, 0.3118,
0.3953

■ 14.8624, 0.3100,
0.1514

■ 87.6755, 0.3124,
0.3952

■ 14.3414, 0.3090,
0.1476

■ 87.8034, 0.3129,
0.3950

■ 87.9321, 0.3135,
0.3949

Harmonies

Analogous

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



38.3888, 0.2755, 0.2652



38.3888, 0.3133, 0.2771



38.3888, 0.3532, 0.3008

Triad

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



38.3888, 0.3133, 0.2771



38.3888, 0.3786, 0.3897



38.3888, 0.2470, 0.3199

Complementary

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



38.3888, 0.3133, 0.2771



48.4207, 0.3116, 0.3864

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.



38.3888, 0.2717, 0.3588



38.3888, 0.3133, 0.2771



38.3888, 0.3474, 0.4007

Square

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



38.3888, 0.3133, 0.2771



38.3888, 0.3921, 0.3637



38.3888, 0.3082, 0.3898



38.3888, 0.2391, 0.2870

Rectangle

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



38.3888, 0.3133, 0.2771



38.3888, 0.3749, 0.3209



38.3888, 0.3082, 0.3898



38.3888, 0.2535, 0.3328

Sweetspot

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



38.3905, 0.3133, 0.2771



88.4456, 0.3129, 0.3143



34.5999, 0.2781, 0.2743



19.1559, 0.3130, 0.3127



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.



38.3905, 0.3133, 0.2771



63.8188, 0.3134, 0.2662



37.8653, 0.3322, 0.2999



10.2223, 0.3130, 0.3063



9.3330, 0.3092, 0.1477



0.4109, 0.3119, 0.1492

Inverse Universe

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



37.1077, 0.3525, 0.3265



61.1412, 0.3633, 0.3260



48.8902, 0.2970, 0.3601



10.0855, 0.3282, 0.3279



7.5575, 0.6342, 0.3267



0.3293, 0.6130, 0.3151

Previews

White Background



This preview shows how the Yxy color 38.3888, 0.3133, 0.2771 looks on a white background.

Color Contrast Check

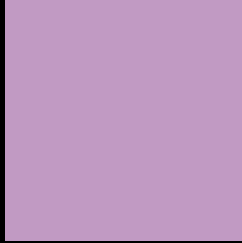
Large Text (above 18pt) WCAG AA × Fail

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 38.3888, 0.3133, 0.2771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

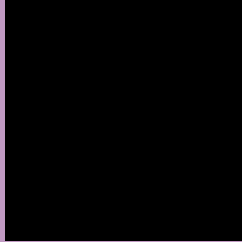
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3888, 0.3133, 0.2771

Background



This preview shows how black text looks on a background with the Yxy color 38.3888, 0.3133, 0.2771.



This preview shows how white text looks on a background with the Yxy color 38.3888, 0.3133, 0.2771.

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

38.3888, 0.3133, 0.2771

Protanopia

38.4912, 0.2763, 0.2774

Deuteranopia

38.5907, 0.2939, 0.2886



Tritanopia

38.3411, 0.3320, 0.3119

Trichromacy



Original Color

38.3888, 0.3133, 0.2771

Protanomaly

38.3178, 0.2891, 0.2772

Deuteranomaly

38.5016, 0.3001, 0.2842

Tritanomaly

38.4856, 0.3247, 0.2991

Monochromacy



Original Color

38.3888, 0.3133, 0.2771

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2706, 0.3127, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3888, 0.3133, 0.2771 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(193, 154, 195)` looks like.

```
.text, #text, p{  
    color:rgb(193, 154, 195)  
}
```

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(193, 154, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 154, 195) }
```

Border

The CSS property to change the border of an element to Yxy 38.3888, 0.3133, 0.2771 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(193, 154, 195) }
```

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

```
.border{ border-color:rgb(193, 154, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 154, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 154, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 154, 195);  
box-shadow:4px 4px 4px 4px rgb(193, 154,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3888, 0.3133, 0.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 154, 195) }
```

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

```
.background{ background-color: rgb(193,  
154, 195) }
```

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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