

Converting Colors

$Y_{xy}(50.5920, 0.3139, 0.3224)$

Have a look what the booklet for
Yxy(50.5920, 0.3139, 0.3224)
contains.

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Color

Yxy(50.6839, 0.3138, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	C1BBC0
RGB	193, 187, 192
RGB Percent	76%, 73%, 75%
CMY	0.2433, 0.2666, 0.2470
CMYK	0.00, 0.03, 0.00, 0.24
HSL	310°, 5%, 75%
HSV	310°, 3%, 76%
XYZ	49.2708, 50.6839, 57.0586
YIQ	189.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

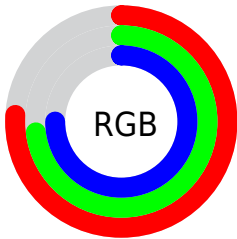
Format	Color
R _Y B	193, 187, 192
Decimal	12696512
CIE Lab	76.49, 3.00, -1.78
CIE LCh	76, 3.494, 329.302
Yxy	50.6839, 0.3138, 0.3228
Android (android.graphics.Color)	4290886592 (0xFFC1BBC0)
YUV	189.3640, 1.2995, 3.1888
Hunter-Lab	71.1926, -1.0513, 2.3158

Details

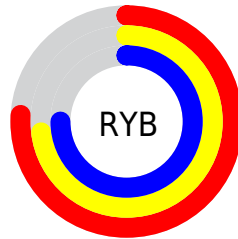
The Yxy color **50.6839, 0.3138, 0.3228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3210, 0.3117, 0.3353**, and the grayscale version is **51.0985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0182, 0.3136, 0.3241**, and **24.4897, 0.3142, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **42.9042, 0.3177, 0.3021**, and if you desaturate by 10%, it is **59.5711, 0.3105, 0.3425**.

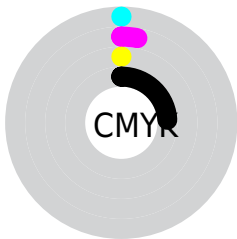
Distribution



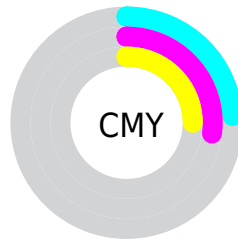
- Red (76%)
- Green (73%)
- Blue (75%)



- Red (76%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)





- Cyan (24%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6839, 0.3138, 0.3228 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 50.6839, 0.3138, 0.3228 by changing the saturation by 10% instead.


 50.6839, 0.3138,
0.3228

 50.6839, 0.3138,
0.3228


389.3344, 0.3133,
0.3259

 35.9571, 0.3139,
0.3221


 91.1874, 0.3136,
0.3239

 24.4011, 0.3141,
0.3211


117.7328, 0.3135,
0.3243

 15.6314, 0.3143,
0.3199


148.9866, 0.3135,
0.3247

 9.2637, 0.3146,
0.3181

185.3331, 0.3134,
0.3250

 4.9136, 0.3150,
0.3156

227.1568, 0.3134,
0.3252

 2.1966, 0.3156,
0.3116

274.8419, 0.3133,

 0.7182, 0.3175,

0.3255

0.3017

328.7730, 0.3133,
0.3257

0.0000, 0.0000,
0.0000

50.6839, 0.3138,
0.3228

50.6839, 0.3138,
0.3228

42.9042, 0.3177,
0.3021

59.5711, 0.3105,
0.3425

36.1817, 0.3221,
0.2809

69.6003, 0.3076,
0.3611

30.4723, 0.3270,
0.2597

80.8127, 0.3052,
0.3783

25.7260, 0.3324,
0.2393

87.2335, 0.3032,
0.3851

21.8886, 0.3383,
0.2206

87.3846, 0.3015,
0.3815

■ 18.9006, 0.3444,
0.2045

■ 87.5386, 0.2999,
0.3779

■ 16.6954, 0.3506,
0.1920

■ 87.6957, 0.2982,
0.3744

■ 15.1964, 0.3567,
0.1837

■ 87.8557, 0.2965,
0.3708

■ 14.3114, 0.3626,
0.1799

■ 88.0188, 0.2949,
0.3673

Harmonies

Analogous

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



50.6839, 0.3091, 0.3210



50.6839, 0.3138, 0.3228



50.6839, 0.3183, 0.3262

Triad

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



50.6839, 0.3138, 0.3228



50.6839, 0.3202, 0.3367



50.6839, 0.3042, 0.3275

Complementary

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



50.6839, 0.3138, 0.3228



52.3210, 0.3117, 0.3353

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.



50.6839, 0.3072, 0.3318



50.6839, 0.3138, 0.3228



50.6839, 0.3164, 0.3372

Square

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



50.6839, 0.3138, 0.3228



50.6839, 0.3220, 0.3343



50.6839, 0.3116, 0.3354



50.6839, 0.3036, 0.3237

Rectangle

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



50.6839, 0.3138, 0.3228



50.6839, 0.3205, 0.3290



50.6839, 0.3116, 0.3354



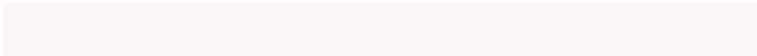
50.6839, 0.3050, 0.3290

Sweetspot

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



50.6861, 0.3138, 0.3228



93.9432, 0.3131, 0.3270



50.0755, 0.3089, 0.3215



20.1708, 0.3130, 0.3271



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.6861, 0.3138, 0.3228



89.3645, 0.3142, 0.3208



50.5584, 0.3161, 0.3264



11.0465, 0.3144, 0.3195



9.2838, 0.3658, 0.1789



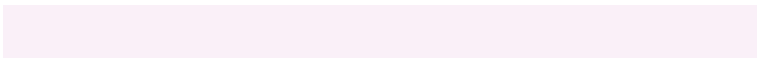
0.4088, 0.3542, 0.1725

Inverse Universe

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



50.6861, 0.3138, 0.3228



89.3645, 0.3142, 0.3208



52.4477, 0.3095, 0.3316



11.0465, 0.3144, 0.3195



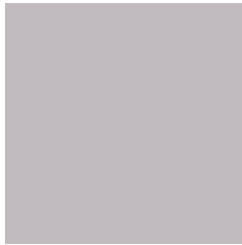
9.2838, 0.3658, 0.1789



0.4088, 0.3542, 0.1725

Previews

White Background



This preview shows how the Yxy color 50.6839, 0.3138, 0.3228 looks on a white background.

Color Contrast Check

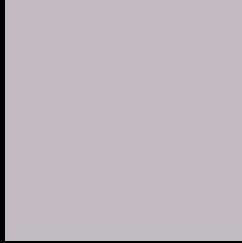
Large Text (above 18pt) WCAG AA × Fail

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 50.6839, 0.3138, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

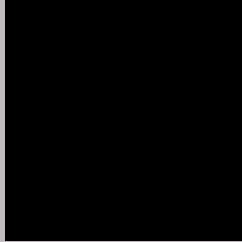
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

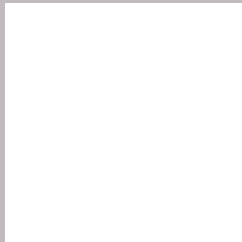
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6839, 0.3138, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 50.6839, 0.3138, 0.3228.

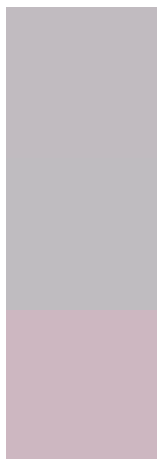


This preview shows how white text looks on a background with the Yxy color 50.6839, 0.3138, 0.3228.

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

50.6839, 0.3138, 0.3228

Protanopia

50.8486, 0.3121, 0.3240

Deuteranopia

50.6964, 0.3235, 0.3170



Tritanopia

50.7573, 0.3086, 0.3118

Trichromacy



Original Color

50.6839, 0.3138, 0.3228

Protanomaly

50.9787, 0.3129, 0.3240

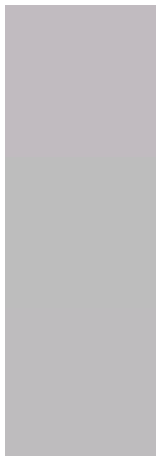
Deuteranomaly

50.5487, 0.3200, 0.3181

Tritanomaly

50.6184, 0.3109, 0.3154

Monochromacy



Original Color

50.6839, 0.3138, 0.3228

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.6313, 0.3128, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6839, 0.3138, 0.3228 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, 187, 192)` looks like.

```
.text, #text, p{  
    color:rgb(193, 187, 192)  
}
```

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, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 187, 192) }
```

Border

The CSS property to change the border of an element to Yxy 50.6839, 0.3138, 0.3228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

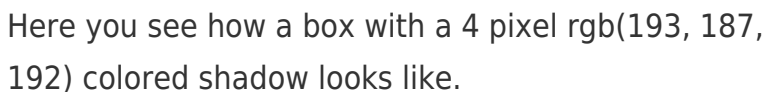
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 187, 192) }
```

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

```
.border{ border-color:rgb(193, 187, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 187, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 187, 192); box-shadow:4px 4px 4px 4px rgb(193, 187, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6839, 0.3138, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 187, 192) }
```

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

```
.background{ background-color: rgb(193,  
187, 192) }
```

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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