

Converting Colors

$Y_{xy}(52.5734, 0.3135, 0.3215)$

Have a look what the booklet for
Yxy(52.5734, 0.3135, 0.3215)
contains.

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Color

Yxy(52.6828, 0.3139, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	C5BEC4
RGB	197, 190, 196
RGB Percent	77%, 75%, 77%
CMY	0.2274, 0.2549, 0.2314
CMYK	0.00, 0.04, 0.01, 0.23
HSL	309°, 6%, 76%
HSV	309°, 4%, 77%
XYZ	51.4054, 52.6828, 59.6755
YIQ	192.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

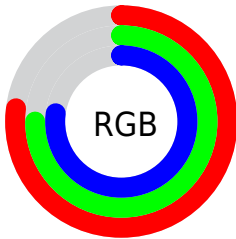
Format	Color
RYB	197, 190, 196
Decimal	12959428
CIELab	77.69, 3.55, -2.14
CIElCh	78, 4.146, 328.885
Yxy	52.6828, 0.3139, 0.3217
Android (android.graphics.Color)	4291149508 (0xFFC5BEC4)
YUV	192.7770, 1.5889, 3.7036
Hunter-Lab	72.5829, -0.6009, 2.0616

Details

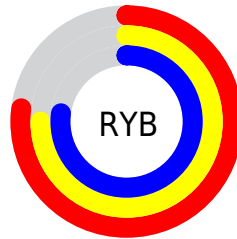
The Yxy color `52.6828, 0.3139, 0.3217` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `54.6515, 0.3116, 0.3364`, and the grayscale version is `53.1823, 0.3127, 0.3290`.

A 20% lighter version of the original color is `94.0742, 0.3137, 0.3223`, and `25.6840, 0.3142, 0.3208` is the 20% darker color. If you saturate the color by 10%, you get `44.5888, 0.3176, 0.3006`, and if you desaturate by 10%, it is `61.9376, 0.3107, 0.3418`.

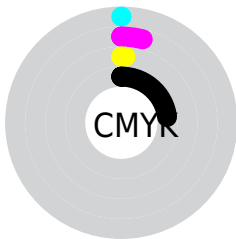
Distribution



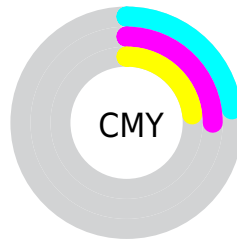
- Red (77%)
- Green (75%)
- Blue (77%)



- Red (77%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (23%)





- Cyan (23%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6828, 0.3139, 0.3217 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 52.6828, 0.3139, 0.3217 by changing the saturation by 10% instead.


 52.6828, 0.3139,
0.3217

 52.6828, 0.3139,
0.3217

397.0670, 0.3133,
0.3253

 37.5496, 0.3140,
0.3208


 94.1374, 0.3137,
0.3230

 25.6333, 0.3142,
0.3197


121.2277, 0.3136,
0.3235

 16.5495, 0.3144,
0.3183

153.0724, 0.3136,
0.3239

 9.9138, 0.3147,
0.3163

190.0560, 0.3135,
0.3242

 5.3419, 0.3152,
0.3135

232.5629, 0.3135,
0.3245

 2.4492, 0.3158,
0.3091

280.9774, 0.3134,

 0.8510, 0.3170,

0.3248

0.3009

335.6839, 0.3134,
0.3251

0.0000, 0.0000,
0.0000

52.6828, 0.3139,
0.3217

52.6828, 0.3139,
0.3217

44.5888, 0.3176,
0.3006

61.9376, 0.3107,
0.3418

37.6027, 0.3217,
0.2791

72.3896, 0.3080,
0.3608

31.6778, 0.3263,
0.2576

84.0824, 0.3057,
0.3784

26.7614, 0.3314,
0.2369

87.9262, 0.3039,
0.3811

22.7961, 0.3368,
0.2181

88.0697, 0.3023,
0.3778

■ 19.7191, 0.3424,
0.2020

■ 88.2159, 0.3008,
0.3745

■ 17.4596, 0.3481,
0.1895

■ 88.3647, 0.2992,
0.3712

■ 15.9365, 0.3536,
0.1813

■ 88.5161, 0.2976,
0.3680

■ 15.0516, 0.3589,
0.1776

■ 88.6702, 0.2961,
0.3647

Harmonies

Analogous

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



52.6828, 0.3083, 0.3196



52.6828, 0.3139, 0.3217



52.6828, 0.3192, 0.3257

Triad

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



52.6828, 0.3139, 0.3217



52.6828, 0.3215, 0.3380



52.6828, 0.3028, 0.3273

Complementary

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



52.6828, 0.3139, 0.3217



54.6515, 0.3116, 0.3364

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.



52.6828, 0.3063, 0.3324



52.6828, 0.3139, 0.3217



52.6828, 0.3171, 0.3386

Square

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



52.6828, 0.3139, 0.3217



52.6828, 0.3236, 0.3351



52.6828, 0.3115, 0.3365



52.6828, 0.3020, 0.3228

Rectangle

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



52.6828, 0.3139, 0.3217



52.6828, 0.3218, 0.3289



52.6828, 0.3115, 0.3365



52.6828, 0.3037, 0.3290

Sweetspot

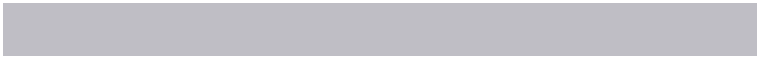
The Sweet Spot groups the original color and five complimentary colors.



52.6851, 0.3139, 0.3217



98.3597, 0.3130, 0.3269



51.9275, 0.3082, 0.3203



21.0703, 0.3130, 0.3270



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.



52.6851, 0.3139, 0.3217



93.5676, 0.3141, 0.3207



52.5314, 0.3165, 0.3259



11.6641, 0.3143, 0.3194



9.6776, 0.3615, 0.1765



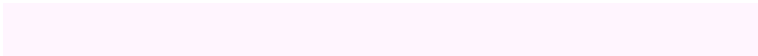
0.4657, 0.3518, 0.1712

Inverse Universe

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



52.6851, 0.3139, 0.3217



93.5676, 0.3141, 0.3207



54.8036, 0.3091, 0.3322



11.6641, 0.3143, 0.3194



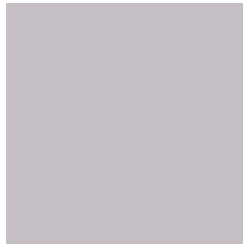
9.6776, 0.3615, 0.1765



0.4657, 0.3518, 0.1712

Previews

White Background



This preview shows how the Yxy color 52.6828, 0.3139, 0.3217 looks on a white background.

Color Contrast Check

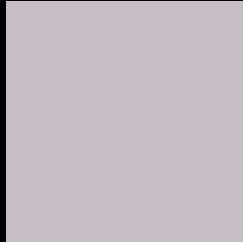
Large Text (above 18pt) WCAG AA × Fail

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 52.6828, 0.3139, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

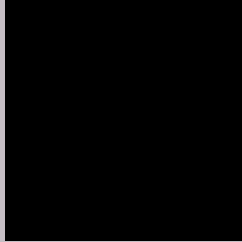
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

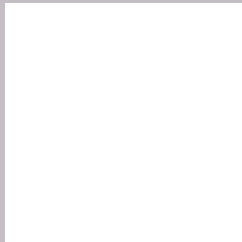
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6828, 0.3139, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 52.6828, 0.3139, 0.3217.

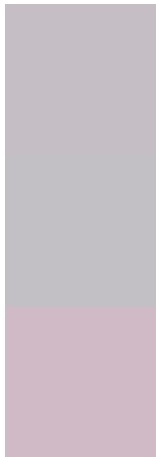


This preview shows how white text looks on a background with the Yxy color 52.6828, 0.3139, 0.3217.

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

52.6828, 0.3139, 0.3217

Protanopia

52.7622, 0.3106, 0.3216

Deuteranopia

52.5589, 0.3225, 0.3160



Tritanopia

52.7606, 0.3087, 0.3109

Trichromacy



Original Color

52.6828, 0.3139, 0.3217

Protanomaly

52.8949, 0.3114, 0.3217

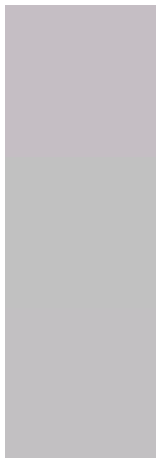
Deuteranomaly

52.4092, 0.3191, 0.3170

Tritanomaly

52.6180, 0.3110, 0.3145

Monochromacy



Original Color

52.6828, 0.3139, 0.3217

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.0636, 0.3128, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6828, 0.3139, 0.3217 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(197, 190, 196)` looks like.

```
.text, #text, p{  
    color:rgb(197, 190, 196)  
}
```

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(197, 190, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 190, 196) }
```

Border

The CSS property to change the border of an element to Yxy 52.6828, 0.3139, 0.3217 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(197, 190, 196) }
```

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

```
.border{ border-color:rgb(197, 190, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 190, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 190, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 190, 196);  
box-shadow:4px 4px 4px 4px rgb(197, 190,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6828, 0.3139, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 190, 196) }
```

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

```
.background{ background-color: rgb(197,  
190, 196) }
```

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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