

Converting Colors

$Y_{xy}(58.3079, 0.2838, 0.3198)$

Have a look what the booklet for
Yxy(58.3079, 0.2838, 0.3198)
contains.

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Color

Yxy(58.3649, 0.2837, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	ADCFD6
RGB	173, 207, 214
RGB Percent	68%, 81%, 84%
CMY	0.3213, 0.1883, 0.1608
CMYK	0.19, 0.03, 0.00, 0.16
HSL	190°, 33%, 76%
HSV	190°, 19%, 84%
XYZ	51.6957, 58.3649, 72.1589
YIQ	197.6320, -22.5110, -5.0310

Conversions

Conversions Part 2

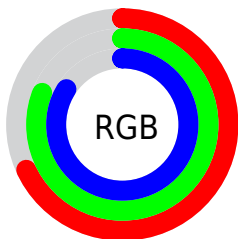
Format	Color
R _Y B	173, 192, 214
Decimal	11390934
CIE Lab	80.94, -9.71, -7.23
CIE LCh	81, 12.107, 216.671
Yxy	58.3649, 0.2837, 0.3203
Android (android.graphics.Color)	4289581014 (0xFFADCFD6)
YUV	197.6320, 8.0694, -21.6023
Hunter-Lab	76.3969, -12.9086, -2.5231

Details

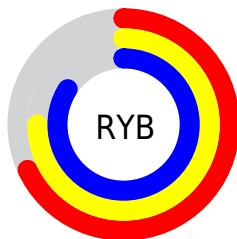
The Yxy color **58.3649, 0.2837, 0.3203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.9940, 0.3485, 0.3375**, and the grayscale version is **56.2061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **29.2787, 0.2767, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **54.3623, 0.2693, 0.3152**, and if you desaturate by 10%, it is **62.8043, 0.2987, 0.3250**.

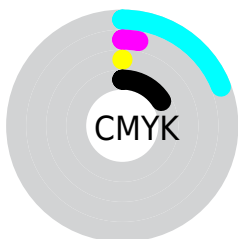
Distribution



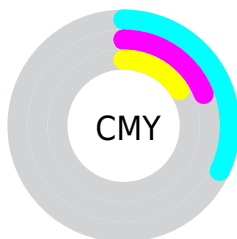
- Red (68%)
- Green (81%)
- Blue (84%)



- Red (68%)
- Yellow (75%)
- Blue (84%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)





- Cyan (32%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3649, 0.2837, 0.3203 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 58.3649, 0.2837, 0.3203 by changing the saturation by 10% instead.


 58.3649, 0.2837,
0.3203

 58.3649, 0.2837,
0.3203


418.5443, 0.2975,
0.3246

 42.1021, 0.2804,
0.3192


 102.4540, 0.2886,
0.3219

 29.1812, 0.2763,
0.3178


131.0492, 0.2905,
0.3225

 19.2180, 0.2711,
0.3160


164.5238, 0.2921,
0.3230

 11.8279, 0.2640,
0.3135

203.2624, 0.2935,
0.3234

 6.6266, 0.2541,
0.3098

247.6494, 0.2947,
0.3238

 3.2297, 0.2392,
0.3039

298.0691, 0.2957,

 1.2528, 0.2144,

0.3241

0.2931

354.9059, 0.2967,
0.3244

0.1042, 0.0000,
0.1441

0.0000, 0.0000,
0.0000

58.3649, 0.2837,
0.3203

58.3649, 0.2837,
0.3203

54.3623, 0.2693,
0.3152

62.8043, 0.2987,
0.3250

50.7706, 0.2559,
0.3097

67.6910, 0.3141,
0.3294

47.5717, 0.2438,
0.3039

73.0440, 0.3295,
0.3333

44.7435, 0.2333,
0.2979

78.1753, 0.3421,
0.3368

■ 42.2613, 0.2245,
0.2918

■ 80.1406, 0.3415,
0.3405

■ 40.0969, 0.2176,
0.2856

■ 82.1486, 0.3410,
0.3441

■ 38.2173, 0.2127,
0.2794

■ 84.1994, 0.3404,
0.3477

■ 36.5687, 0.2094,
0.2733

■ 86.2934, 0.3398,
0.3513

■ 36.4294, 0.2091,
0.2728

■ 88.4308, 0.3392,
0.3549

Harmonies

Analogous

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



58.3649, 0.2915, 0.3348



58.3649, 0.2837, 0.3203



58.3649, 0.2835, 0.3087

Triad

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



58.3649, 0.2837, 0.3203



58.3649, 0.3200, 0.3112



58.3649, 0.3347, 0.3557

Complementary

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



58.3649, 0.2837, 0.3203



49.9940, 0.3485, 0.3375

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.



58.3649, 0.3428, 0.3485



58.3649, 0.2837, 0.3203



58.3649, 0.3342, 0.3229

Square

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



58.3649, 0.2837, 0.3203



58.3649, 0.3041, 0.3039



58.3649, 0.3426, 0.3365



58.3649, 0.3208, 0.3556

Rectangle

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



58.3649, 0.2837, 0.3203



58.3649, 0.2876, 0.3041



58.3649, 0.3426, 0.3365



58.3649, 0.3382, 0.3540

Sweetspot

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



58.3673, 0.2837, 0.3203



95.5513, 0.3034, 0.3264



60.2773, 0.3058, 0.3722



20.3515, 0.3024, 0.3261



0.0000, 0.0000, 0.0000



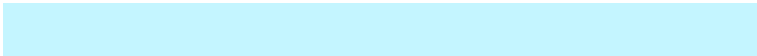
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3673, 0.2837, 0.3203



84.2770, 0.2777, 0.3182



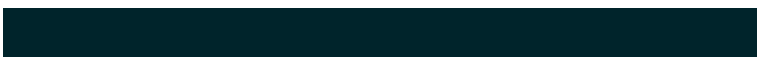
49.1680, 0.2822, 0.2946



13.7288, 0.2983, 0.3249



22.1535, 0.2094, 0.2737



1.4340, 0.2123, 0.2843

Inverse Universe

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



48.7161, 0.3207, 0.2895



67.4874, 0.3226, 0.2808



58.7911, 0.3441, 0.3612



12.5945, 0.3164, 0.3099



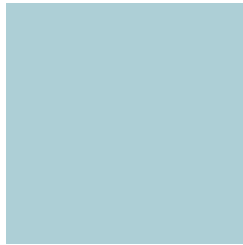
10.5813, 0.3693, 0.1808



0.6481, 0.3595, 0.1754

Previews

White Background



This preview shows how the Yxy color 58.3649, 0.2837, 0.3203 looks on a white background.

Color Contrast Check

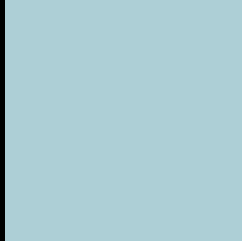
Large Text (above 18pt) WCAG AA × Fail

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 58.3649, 0.2837, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

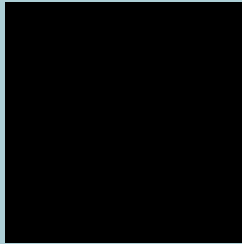
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

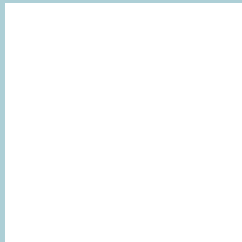
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3649, 0.2837, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 58.3649, 0.2837, 0.3203.



This preview shows how white text looks on a background with the Yxy color 58.3649, 0.2837, 0.3203.

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

58.3649, 0.2837, 0.3203

Protanopia

57.8678, 0.3071, 0.3172

Deuteranopia

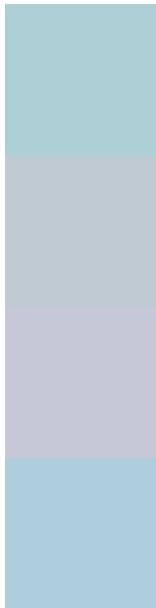
58.1342, 0.3115, 0.3051



Tritanopia

58.5305, 0.2800, 0.3096

Trichromacy



Original Color

58.3649, 0.2837, 0.3203

Protanomaly

58.0206, 0.2981, 0.3182

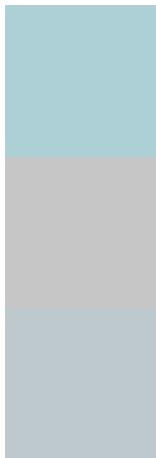
Deuteranomaly

57.7589, 0.3006, 0.3102

Tritanomaly

58.2558, 0.2811, 0.3131

Monochromacy



Original Color

58.3649, 0.2837, 0.3203

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9517, 0.3014, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3649, 0.2837, 0.3203 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(173, 207, 214)` looks like.

```
.text, #text, p{  
    color:rgb(173, 207, 214)  
}
```

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(173, 207, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 207, 214) }
```

Border

The CSS property to change the border of an element to Yxy 58.3649, 0.2837, 0.3203 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(173, 207, 214) }
```

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

```
.border{ border-color:rgb(173, 207, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 207, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 207, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 207, 214);  
box-shadow:4px 4px 4px 4px rgb(173, 207,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3649, 0.2837, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 207, 214) }
```

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

```
.background{ background-color: rgb(173,  
207, 214) }
```

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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