

Converting Colors

$Yxy(58.1191, 0.2945, 0.3255)$

Have a look what the booklet for
Yxy(58.1191, 0.2945, 0.3255)
contains.

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Color

Yxy(58.2840, 0.2944, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	B7CDD0
RGB	183, 205, 208
RGB Percent	72%, 80%, 82%
CMY	0.2823, 0.1961, 0.1843
CMYK	0.12, 0.01, 0.00, 0.18
HSL	187°, 21%, 77%
HSV	187°, 12%, 82%
XYZ	52.7476, 58.2840, 68.1383
YIQ	198.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

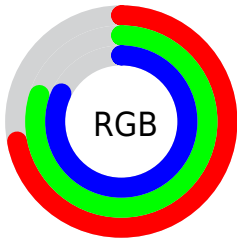
Format	Color
RYB	183, 195, 208
Decimal	12045776
CIELab	80.90, -6.77, -4.01
CIElCh	81, 7.865, 210.630
Yxy	58.2840, 0.2944, 0.3253
Android (android.graphics.Color)	4290235856 (0xFFB7CDD0)
YUV	198.7640, 4.5533, -13.8250
Hunter-Lab	76.3440, -10.2725, 0.5234

Details

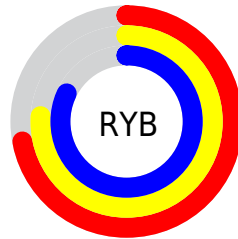
The Yxy color **58.2840, 0.2944, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9524, 0.3338, 0.3327**, and the grayscale version is **56.9427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **29.2121, 0.2896, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **54.7383, 0.2798, 0.3219**, and if you desaturate by 10%, it is **62.2305, 0.3096, 0.3284**.

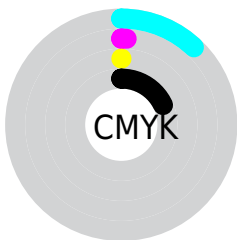
Distribution



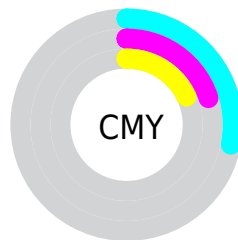
- Red (72%)
- Green (80%)
- Blue (82%)



- Red (72%)
- Yellow (76%)
- Blue (82%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)





- Cyan (28%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2840, 0.2944, 0.3253 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 58.2840, 0.2944, 0.3253 by changing the saturation by 10% instead.


 58.2840, 0.2944,
0.3253

 58.2840, 0.2944,
0.3253

418.2433, 0.3032,
0.3272

 42.0370, 0.2923,
0.3248

 102.3363, 0.2975,
0.3260

 29.1303, 0.2897,
0.3243


130.9104, 0.2987,
0.3262

 19.1794, 0.2863,
0.3235


164.3624, 0.2997,
0.3264

 11.8000, 0.2818,
0.3224

203.0765, 0.3006,
0.3266

 6.6076, 0.2753,
0.3208

247.4373, 0.3014,
0.3268

 3.2179, 0.2655,
0.3183

297.8291, 0.3020,

 1.2466, 0.2488,

0.3269

0.3135

354.6363, 0.3026,
0.3270

0.0992, 0.0000,
0.2036

0.0000, 0.0000,
0.0000

58.2840, 0.2944,
0.3253

58.2840, 0.2944,
0.3253

54.7383, 0.2798,
0.3219

62.2305, 0.3096,
0.3284

51.5695, 0.2660,
0.3183

66.5860, 0.3251,
0.3312

48.7622, 0.2534,
0.3144

71.3675, 0.3407,
0.3338

46.2973, 0.2423,
0.3104

74.3988, 0.3476,
0.3362

■ 44.1535, 0.2329,
0.3063

■ 75.6775, 0.3471,
0.3387

■ 42.3072, 0.2254,
0.3021

■ 76.9757, 0.3467,
0.3412

■ 40.7314, 0.2198,
0.2979

■ 78.2933, 0.3462,
0.3437

■ 39.3935, 0.2160,
0.2937

■ 79.6306, 0.3458,
0.3462

■ 38.4495, 0.2140,
0.2904

■ 80.9875, 0.3453,
0.3487

Harmonies

Analogous

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



58.2840, 0.3004, 0.3346



58.2840, 0.2944, 0.3253



58.2840, 0.2932, 0.3172

Triad

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



58.2840, 0.2944, 0.3253



58.2840, 0.3154, 0.3161



58.2840, 0.3284, 0.3458

Complementary

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



58.2840, 0.2944, 0.3253



51.9524, 0.3338, 0.3327

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.



58.2840, 0.3326, 0.3405



58.2840, 0.2944, 0.3253



58.2840, 0.3251, 0.3234

Square

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



58.2840, 0.2944, 0.3253



58.2840, 0.3052, 0.3120



58.2840, 0.3314, 0.3323



58.2840, 0.3200, 0.3466

Rectangle

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



58.2840, 0.2944, 0.3253



58.2840, 0.2953, 0.3135



58.2840, 0.3314, 0.3323



58.2840, 0.3304, 0.3444

Sweetspot

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



58.2864, 0.2944, 0.3253



97.3392, 0.3065, 0.3278



58.7204, 0.3093, 0.3565



20.7300, 0.3053, 0.3276



0.0000, 0.0000, 0.0000



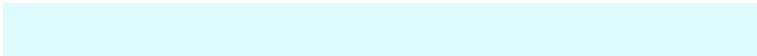
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2864, 0.2944, 0.3253



91.1476, 0.2912, 0.3246



52.5844, 0.2941, 0.3099



13.1551, 0.2983, 0.3261



24.0601, 0.2142, 0.2910



1.4151, 0.2163, 0.2986

Inverse Universe

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



51.6928, 0.3164, 0.3031



79.0272, 0.3172, 0.2983



57.4092, 0.3319, 0.3474



11.9836, 0.3156, 0.3088



10.5002, 0.3534, 0.1720



0.5941, 0.3466, 0.1683

Previews

White Background



This preview shows how the Yxy color 58.2840, 0.2944, 0.3253 looks on a white background.

Color Contrast Check

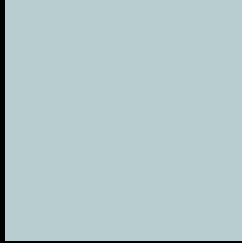
Large Text (above 18pt) WCAG AA × Fail

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 58.2840, 0.2944, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

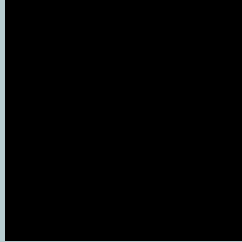
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

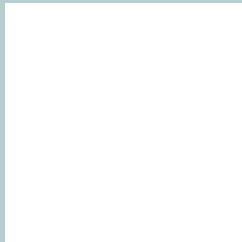
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2840, 0.2944, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 58.2840, 0.2944, 0.3253.

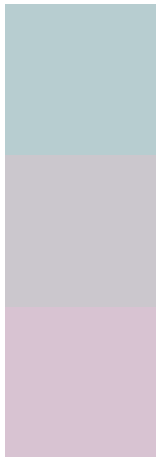


This preview shows how white text looks on a background with the Yxy color 58.2840, 0.2944, 0.3253.

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

58.2840, 0.2944, 0.3253

Protanopia

57.9511, 0.3115, 0.3219

Deuteranopia

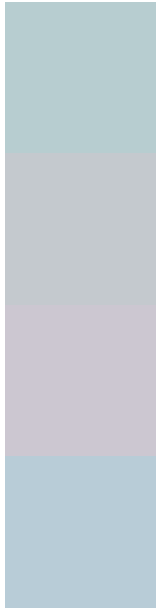
58.2823, 0.3183, 0.3119



Tritanopia

58.1406, 0.2885, 0.3098

Trichromacy



Original Color

58.2840, 0.2944, 0.3253

Protanomaly

57.9653, 0.3053, 0.3230

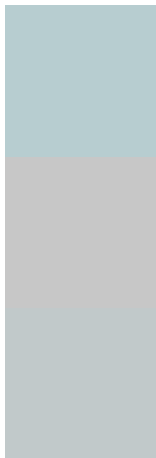
Deuteranomaly

58.2877, 0.3094, 0.3173

Tritanomaly

58.2824, 0.2905, 0.3157

Monochromacy



Original Color

58.2840, 0.2944, 0.3253

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.3750, 0.3059, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2840, 0.2944, 0.3253 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(183, 205, 208)` looks like.

```
.text, #text, p{  
    color:rgb(183, 205, 208)  
}
```

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(183, 205, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 205, 208) }
```

Border

The CSS property to change the border of an element to Yxy 58.2840, 0.2944, 0.3253 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(183, 205, 208) }
```

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

```
.border{ border-color:rgb(183, 205, 208) }
```

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

Here you see how a box with a 4 pixel rgb(183, 205, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 205, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 205, 208);  
box-shadow:4px 4px 4px 4px rgb(183, 205,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2840, 0.2944, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 205, 208) }
```

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

```
.background{ background-color: rgb(183,  
205, 208) }
```

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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