

Converting Colors

$Y_{xy}(59.0233, 0.2977, 0.3339)$

Have a look what the booklet for
Yxy(59.0233, 0.2977, 0.3339)
contains.

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Color

Yxy(59.0047, 0.2977, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	B7CFCB
RGB	183, 207, 203
RGB Percent	72%, 81%, 80%
CMY	0.2824, 0.1882, 0.2038
CMYK	0.12, 0.00, 0.02, 0.19
HSL	170°, 20%, 76%
HSV	170°, 12%, 81%
XYZ	52.6234, 59.0047, 65.1385
YIQ	199.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

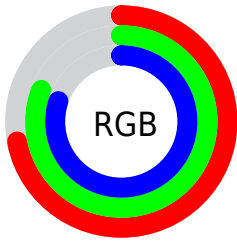
Format	Color
R _Y B	183, 196, 207
Decimal	12046283
CIE Lab	81.29, -8.80, -0.77
CIE LCh	81, 8.839, 185.018
Yxy	59.0047, 0.2977, 0.3338
Android (android.graphics.Color)	4290236363 (0xFFB7CFCB)
YUV	199.3680, 1.7906, -14.3547
Hunter-Lab	76.8145, -12.1402, 3.4924

Details

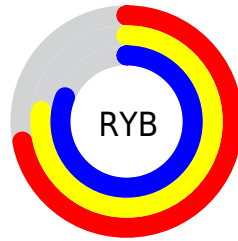
The Yxy color **59.0047, 0.2977, 0.3338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7176, 0.3301, 0.3243**, and the grayscale version is **57.3473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **29.6982, 0.2940, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **56.4915, 0.2854, 0.3384**, and if you desaturate by 10%, it is **61.8997, 0.3106, 0.3296**.

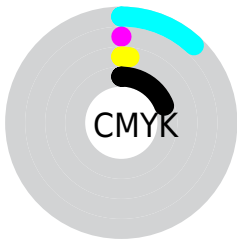
Distribution



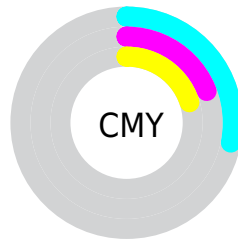
- Red (72%)
- Green (81%)
- Blue (80%)



- Red (72%)
- Yellow (77%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0047, 0.2977, 0.3338 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 59.0047, 0.2977, 0.3338 by changing the saturation by 10% instead.

 59.0047, 0.2977,
0.3338

 59.0047, 0.2977,
0.3338


420.9193, 0.3049,
0.3315

 42.6169, 0.2960,
0.3343


 103.3845, 0.3003,
0.3330

 29.5846, 0.2938,
0.3350


132.1453, 0.3012,
0.3327

 19.5235, 0.2910,
0.3359


165.7992, 0.3021,
0.3324

 12.0492, 0.2873,
0.3370

204.7306, 0.3028,
0.3322

 6.7772, 0.2820,
0.3387

249.3239, 0.3034,
0.3320

 3.3231, 0.2738,
0.3411

299.9636, 0.3040,

 1.3027, 0.2599,

0.3318

0.3453

357.0339, 0.3045,
0.3317

0.1433, 0.0000,
0.4055

0.0000, 0.0000,
0.0000

59.0047, 0.2977,
0.3338

59.0047, 0.2977,
0.3338

56.4915, 0.2854,
0.3384

61.8997, 0.3106,
0.3296

54.3366, 0.2741,
0.3433


65.1844, 0.3239,
0.3259

52.5248, 0.2640,
0.3486

68.8756, 0.3374,
0.3225


51.0372, 0.2555,
0.3541


70.8813, 0.3425,
0.3192


 49.8532, 0.2486,
0.3599


 71.0607, 0.3399,
0.3158


 48.9496, 0.2436,
0.3658


 71.2439, 0.3374,
0.3124


 48.2998, 0.2406,
0.3717

 71.4307, 0.3348,
0.3090

 47.8720, 0.2394,
0.3776

 71.6213, 0.3323,
0.3056

 47.6369, 0.2396,
0.3825

 71.8157, 0.3298,
0.3022

Harmonies

Analogous

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



59.0047, 0.3078, 0.3431



59.0047, 0.2977, 0.3338



59.0047, 0.2917, 0.3233

Triad

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



59.0047, 0.2977, 0.3338



59.0047, 0.3059, 0.3104



59.0047, 0.3347, 0.3429

Complementary

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



59.0047, 0.2977, 0.3338



50.7176, 0.3301, 0.3243

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.



59.0047, 0.3342, 0.3341



59.0047, 0.2977, 0.3338



59.0047, 0.3174, 0.3155

Square

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



59.0047, 0.2977, 0.3338



59.0047, 0.2963, 0.3101



59.0047, 0.3279, 0.3241



59.0047, 0.3292, 0.3483

Rectangle

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



59.0047, 0.2977, 0.3338



59.0047, 0.2907, 0.3172



59.0047, 0.3279, 0.3241



59.0047, 0.3352, 0.3402

Sweetspot

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



59.0072, 0.2977, 0.3338



98.4968, 0.3087, 0.3302



58.6099, 0.3143, 0.3588



20.9985, 0.3077, 0.3305



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.



59.0072, 0.2977, 0.3338



93.4728, 0.2945, 0.3349



55.4190, 0.2949, 0.3191



13.3722, 0.3005, 0.3329



30.0247, 0.2394, 0.3817



1.6879, 0.2364, 0.3709

Inverse Universe

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



50.7176, 0.3301, 0.3243



77.5266, 0.3346, 0.3232



53.9455, 0.3322, 0.3387



11.8396, 0.3265, 0.3252



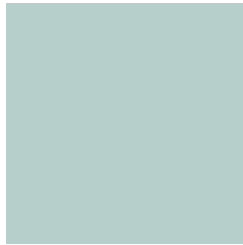
8.4406, 0.6147, 0.3160



0.4821, 0.5675, 0.2900

Previews

White Background



This preview shows how the Yxy color 59.0047, 0.2977, 0.3338 looks on a white background.

Color Contrast Check

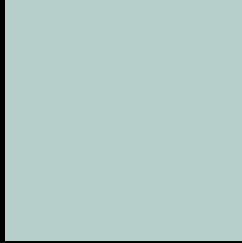
Large Text (above 18pt) WCAG AA × Fail

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 59.0047, 0.2977, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

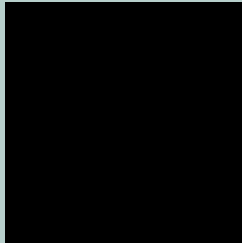
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

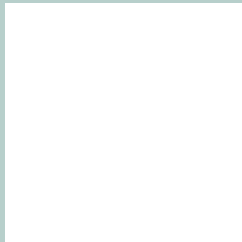
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0047, 0.2977, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 59.0047, 0.2977, 0.3338.



This preview shows how white text looks on a background with the Yxy color 59.0047, 0.2977, 0.3338.

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

59.0047, 0.2977, 0.3338

Protanopia

59.0186, 0.3181, 0.3314

Deuteranopia

58.4981, 0.3245, 0.3177



Tritanopia

58.8453, 0.2880, 0.3087

Trichromacy



Original Color

59.0047, 0.2977, 0.3338

Protanomaly

58.8878, 0.3110, 0.3326

Deuteranomaly

58.3283, 0.3146, 0.3232

Tritanomaly

58.8320, 0.2919, 0.3181

Monochromacy



Original Color

59.0047, 0.2977, 0.3338

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.7486, 0.3072, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0047, 0.2977, 0.3338 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, 207, 203)` looks like.

```
.text, #text, p{  
    color:rgb(183, 207, 203)  
}
```

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, 207, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 207, 203) }
```

Border

The CSS property to change the border of an element to Yxy 59.0047, 0.2977, 0.3338 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, 207, 203) }
```

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

```
.border{ border-color:rgb(183, 207, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 207, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 207, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 207, 203);  
box-shadow:4px 4px 4px 4px rgb(183, 207,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0047, 0.2977, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 207, 203) }
```

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

```
.background{ background-color: rgb(183,  
207, 203) }
```

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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