

Converting Colors

$Y_{xy}(59.0793, 0.2963, 0.3363)$

Have a look what the booklet for
Yxy(59.0793, 0.2963, 0.3363)
contains.

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Color

Yxy(59.0793, 0.2963, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	B4D0CA
RGB	180, 208, 202
RGB Percent	71%, 82%, 79%
CMY	0.2938, 0.1844, 0.2078
CMYK	0.13, 0.00, 0.03, 0.18
HSL	167°, 23%, 76%
HSV	167°, 13%, 82%
XYZ	52.0523, 59.0793, 64.5428
YIQ	198.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

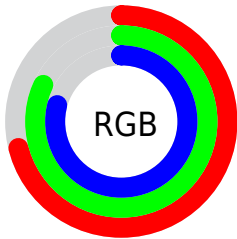
Format	Color
R _{YB}	180, 196, 208
Decimal	11849930
CIE Lab	81.34, -10.47, -0.19
CIE LCh	81, 10.474, 181.024
Yxy	59.0793, 0.2963, 0.3363
Android (android.graphics.Color)	4290040010 (0xFFB4D0CA)
YUV	198.9440, 1.5066, -16.6139
Hunter-Lab	76.8631, -13.6286, 4.0177

Details

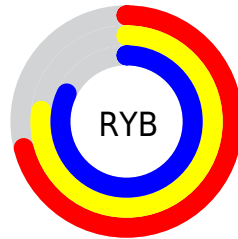
The Yxy color **59.0793, 0.2963, 0.3363** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.6276, 0.3321, 0.3218**, and the grayscale version is **57.0835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **29.7613, 0.2921, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **56.5608, 0.2848, 0.3424**, and if you desaturate by 10%, it is **61.9834, 0.3085, 0.3308**.

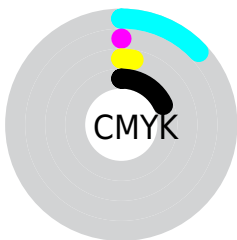
Distribution



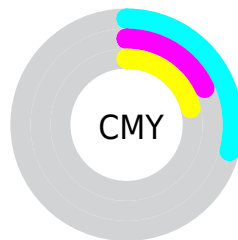
- Red (71%)
- Green (82%)
- Blue (79%)



- Red (71%)
- Yellow (77%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)




- Cyan (29%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0793, 0.2963, 0.3363 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 59.0793, 0.2963, 0.3363 by changing the saturation by 10% instead.


 59.0793, 0.2963,
0.3363

 59.0793, 0.2963,
0.3363


421.1957, 0.3042,
0.3328

 42.6770, 0.2944,
0.3371


 103.4929, 0.2991,
0.3351

 29.6317, 0.2921,
0.3382


132.2730, 0.3002,
0.3346

 19.5592, 0.2890,
0.3395


165.9477, 0.3011,
0.3342

 12.0751, 0.2849,
0.3413

204.9016, 0.3019,
0.3338

 6.7948, 0.2791,
0.3439

249.5189, 0.3026,
0.3335

 3.3341, 0.2702,
0.3478

300.1841, 0.3032,

 1.3086, 0.2549,

0.3333

0.3545

357.2816, 0.3037,
0.3330

0.1478, 0.0000,
0.4593

0.0000, 0.0000,
0.0000

59.0793, 0.2963,
0.3363

59.0793, 0.2963,
0.3363

56.5608, 0.2848,
0.3424

61.9834, 0.3085,
0.3308

54.4038, 0.2742,
0.3489

65.2815, 0.3210,
0.3258

52.5930, 0.2648,
0.3559

68.9905, 0.3337,
0.3213

51.1087, 0.2569,
0.3633

71.5226, 0.3400,
0.3171

■ 49.9297, 0.2508,
0.3710

■ 71.7614, 0.3367,
0.3126

■ 49.0318, 0.2465,
0.3788

■ 72.0066, 0.3334,
0.3082

■ 48.3875, 0.2443,
0.3867

■ 72.2581, 0.3302,
0.3038

■ 47.9632, 0.2439,
0.3945

■ 72.5161, 0.3270,
0.2995

■ 47.7657, 0.2444,
0.3997

■ 72.7805, 0.3238,
0.2952

Harmonies

Analogous

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



59.0793, 0.3086, 0.3469



59.0793, 0.2963, 0.3363



59.0793, 0.2885, 0.3238

Triad

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



59.0793, 0.2963, 0.3363



59.0793, 0.3029, 0.3067



59.0793, 0.3392, 0.3442

Complementary

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



59.0793, 0.2963, 0.3363



49.6276, 0.3321, 0.3218

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.



59.0793, 0.3376, 0.3333



59.0793, 0.2963, 0.3363



59.0793, 0.3164, 0.3120

Square

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



59.0793, 0.2963, 0.3363



59.0793, 0.2922, 0.3070



59.0793, 0.3292, 0.3217



59.0793, 0.3334, 0.3513

Rectangle

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



59.0793, 0.2963, 0.3363



59.0793, 0.2867, 0.3163



59.0793, 0.3292, 0.3217



59.0793, 0.3395, 0.3408

Sweetspot

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



59.0818, 0.2963, 0.3363



97.9767, 0.3077, 0.3311



58.8575, 0.3156, 0.3637



20.8921, 0.3067, 0.3315



0.0000, 0.0000, 0.0000



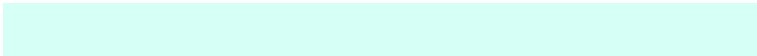
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0818, 0.2963, 0.3363



92.5164, 0.2930, 0.3379



55.6100, 0.2921, 0.3192



13.3619, 0.3011, 0.3340



29.7896, 0.2440, 0.3985



1.6767, 0.2401, 0.3842

Inverse Universe

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



49.6276, 0.3321, 0.3218



74.7786, 0.3368, 0.3203



52.6651, 0.3358, 0.3386



11.8491, 0.3257, 0.3240



8.4853, 0.6021, 0.3091



0.4865, 0.5500, 0.2803

Previews

White Background



This preview shows how the Yxy color 59.0793, 0.2963, 0.3363 looks on a white background.

Color Contrast Check

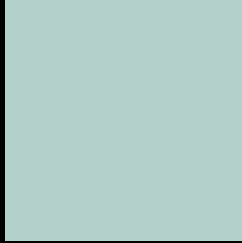
Large Text (above 18pt) WCAG AA × Fail

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 59.0793, 0.2963, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

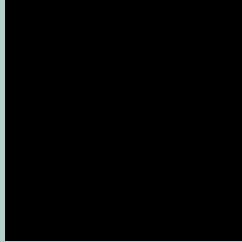
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

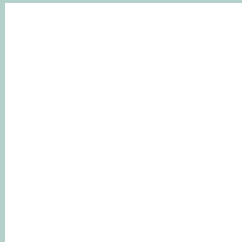
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0793, 0.2963, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 59.0793, 0.2963, 0.3363.



This preview shows how white text looks on a background with the Yxy color 59.0793, 0.2963, 0.3363.

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

59.0793, 0.2963, 0.3363

Protanopia

58.9723, 0.3188, 0.3325

Deuteranopia

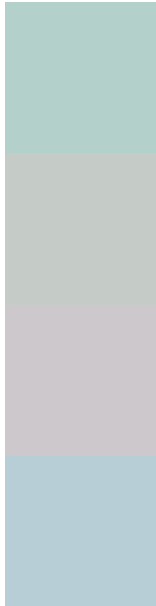
58.6536, 0.3253, 0.3177



Tritanopia

59.0734, 0.2866, 0.3099

Trichromacy



Original Color

59.0793, 0.2963, 0.3363

Protanomaly

59.1796, 0.3109, 0.3350

Deuteranomaly

58.6473, 0.3137, 0.3243

Tritanomaly

59.0649, 0.2905, 0.3193

Monochromacy



Original Color

59.0793, 0.2963, 0.3363

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.6177, 0.3065, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0793, 0.2963, 0.3363 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(180, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(180, 208, 202)  
}
```

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(180, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 208, 202) }
```

Border

The CSS property to change the border of an element to Yxy 59.0793, 0.2963, 0.3363 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(180, 208, 202) }
```

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

```
.border{ border-color:rgb(180, 208, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 208, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(180, 208,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0793, 0.2963, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 208, 202) }
```

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

```
.background{ background-color: rgb(180,  
208, 202) }
```

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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