

Converting Colors

$Yxy(59.1105, 0.2997, 0.3302)$

Have a look what the booklet for
Yxy(59.1105, 0.2997, 0.3302)
contains.

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Color

Yxy(59.1152, 0.2993, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	BBCECD
RGB	187, 206, 205
RGB Percent	73%, 81%, 80%
CMY	0.2666, 0.1921, 0.1962
CMYK	0.09, 0.00, 0.00, 0.19
HSL	177°, 16%, 77%
HSV	177°, 9%, 81%
XYZ	53.5832, 59.1152, 66.3300
YIQ	200.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

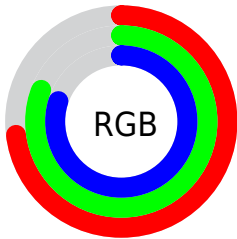
Format	Color
RYB	187, 197, 206
Decimal	12308173
CIELab	81.35, -6.59, -1.69
CIELCh	81, 6.799, 194.392
Yxy	59.1152, 0.2993, 0.3302
Android (android.graphics.Color)	4290498253 (0xFFBBCECD)
YUV	200.2050, 2.3639, -11.5808
Hunter-Lab	76.8864, -10.1521, 2.6709

Details

The Yxy color **59.1152, 0.2993, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2987, 0.3279, 0.3278**, and the grayscale version is **57.8832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **29.7592, 0.2960, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **56.6495, 0.2855, 0.3316**, and if you desaturate by 10%, it is **61.9590, 0.3139, 0.3289**.

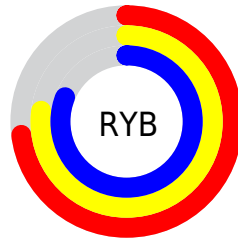
Distribution



Red (73%)

Green (81%)

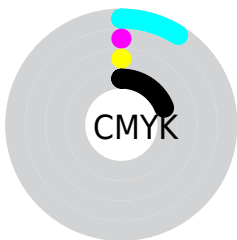
Blue (80%)



Red (73%)

Yellow (77%)

Blue (81%)

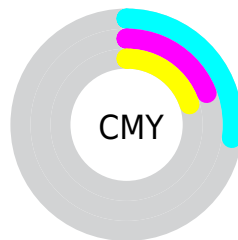


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (19%)



Cyan (27%)

Magenta (19%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1152, 0.2993, 0.3302 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 59.1152, 0.2993, 0.3302 by changing the saturation by 10% instead.

■ 59.1152, 0.2993,
0.3302

■ 59.1152, 0.2993,
0.3302

421.3287, 0.3057,
0.3297

■ 42.7059, 0.2978,
0.3303

■ 103.5451, 0.3016,
0.3300

■ 29.6544, 0.2959,
0.3305

132.3344, 0.3024,
0.3299

■ 19.5764, 0.2934,
0.3307

166.0192, 0.3032,
0.3299

■ 12.0875, 0.2900,
0.3309

204.9838, 0.3038,
0.3298

■ 6.8033, 0.2853,
0.3312

249.6127, 0.3044,
0.3298

■ 3.3394, 0.2781,
0.3316

300.2902, 0.3049,

■ 1.3114, 0.2658,

0.3297

0.3322

357.4007, 0.3053,
0.3297

0.1500, 0.0000,
0.3476

0.0000, 0.0000,
0.0000

59.1152, 0.2993,
0.3302

59.1152, 0.2993,
0.3302

56.6495, 0.2855,
0.3316

61.9590, 0.3139,
0.3289

54.5386, 0.2727,
0.3332


65.1882, 0.3289,
0.3277

52.7680, 0.2613,
0.3348

68.8195, 0.3441,
0.3267


51.3196, 0.2514,
0.3365

70.0298, 0.3481,
0.3256


 50.1732, 0.2433,
0.3383


 70.0853, 0.3473,
0.3245


 49.3067, 0.2371,
0.3400

 70.1411, 0.3464,
0.3233


 48.6947, 0.2328,
0.3418

 70.1973, 0.3456,
0.3222

 48.3073, 0.2303,
0.3436

 70.2539, 0.3448,
0.3211

 48.0943, 0.2294,
0.3454

 70.3109, 0.3439,
0.3199

Harmonies

Analogous

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



59.1152, 0.3063, 0.3378



59.1152, 0.2993, 0.3302



59.1152, 0.2959, 0.3224

Triad

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



59.1152, 0.2993, 0.3302



59.1152, 0.3102, 0.3155



59.1152, 0.3287, 0.3414

Complementary

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



59.1152, 0.2993, 0.3302



52.2987, 0.3279, 0.3278

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.



59.1152, 0.3299, 0.3353



59.1152, 0.2993, 0.3302



59.1152, 0.3191, 0.3205

Square

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



59.1152, 0.2993, 0.3302



59.1152, 0.3021, 0.3141



59.1152, 0.3263, 0.3276



59.1152, 0.3233, 0.3443

Rectangle

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



59.1152, 0.2993, 0.3302



59.1152, 0.2961, 0.3181



59.1152, 0.3263, 0.3276



59.1152, 0.3296, 0.3396

Sweetspot

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



59.1177, 0.2993, 0.3302



98.5513, 0.3082, 0.3294



58.4595, 0.3126, 0.3524



21.0132, 0.3071, 0.3295



0.0000, 0.0000, 0.0000



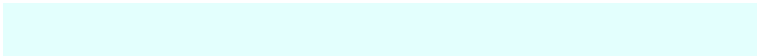
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1177, 0.2993, 0.3302



94.9656, 0.2966, 0.3305



55.3066, 0.2986, 0.3189



12.7162, 0.2991, 0.3302



29.6092, 0.2292, 0.3453



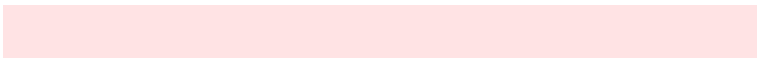
1.5308, 0.2283, 0.3418

Inverse Universe

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



52.2987, 0.3279, 0.3278



81.7981, 0.3314, 0.3276



55.8485, 0.3276, 0.3389



11.2233, 0.3282, 0.3278



8.0996, 0.6336, 0.3264



0.4214, 0.6125, 0.3148

Previews

White Background



This preview shows how the Yxy color 59.1152, 0.2993, 0.3302 looks on a white background.

Color Contrast Check

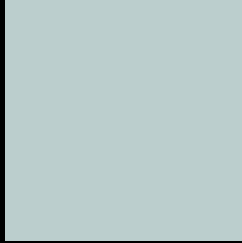
Large Text (above 18pt) WCAG AA × Fail

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 59.1152, 0.2993, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

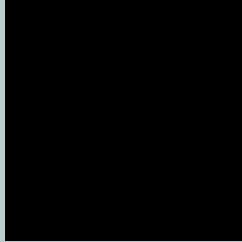
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

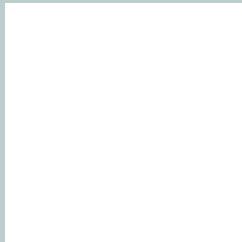
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1152, 0.2993, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 59.1152, 0.2993, 0.3302.

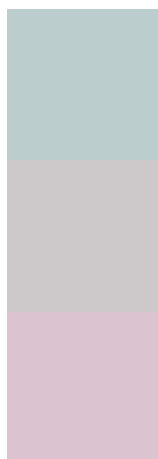


This preview shows how white text looks on a background with the Yxy color 59.1152, 0.2993, 0.3302.

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

59.1152, 0.2993, 0.3302

Protanopia

59.0167, 0.3151, 0.3278

Deuteranopia

59.0449, 0.3228, 0.3166



Tritanopia

59.3002, 0.2915, 0.3100

Trichromacy



Original Color

59.1152, 0.2993, 0.3302

Protanomaly

59.0294, 0.3089, 0.3290

Deuteranomaly

59.0302, 0.3138, 0.3220

Tritanomaly

59.3878, 0.2941, 0.3170

Monochromacy



Original Color

59.1152, 0.2993, 0.3302

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.1074, 0.3074, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1152, 0.2993, 0.3302 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(187, 206, 205)` looks like.

```
.text, #text, p{  
    color:rgb(187, 206, 205)  
}
```

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(187, 206, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 206, 205) }
```

Border

The CSS property to change the border of an element to Yxy 59.1152, 0.2993, 0.3302 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(187, 206, 205) }
```

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

```
.border{ border-color:rgb(187, 206, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 206, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 206, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 206, 205);  
box-shadow:4px 4px 4px 4px rgb(187, 206,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1152, 0.2993, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 206, 205) }
```

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

```
.background{ background-color: rgb(187,  
206, 205) }
```

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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