

Converting Colors

Yxy(59.5947, 0.2987, 0.3346)

Have a look what the booklet for
Yxy(59.5947, 0.2987, 0.3346)
contains.

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Color

Yxy(59.7378, 0.2992, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	B9D0CB
RGB	185, 208, 203
RGB Percent	73%, 82%, 80%
CMY	0.2743, 0.1844, 0.2038
CMYK	0.11, 0.00, 0.02, 0.18
HSL	167°, 20%, 77%
HSV	167°, 11%, 82%
XYZ	53.3539, 59.7378, 65.2301
YIQ	200.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

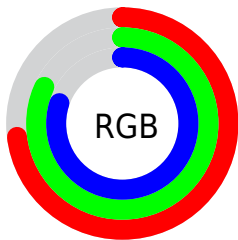
Format	Color
R _Y B	185, 198, 208
Decimal	12177611
CIE Lab	81.70, -8.64, -0.16
CIE LCh	82, 8.645, 181.062
Yxy	59.7378, 0.2992, 0.3350
Android (android.graphics.Color)	4290367691 (0xFFB9D0CB)
YUV	200.5530, 1.2064, -13.6400
Hunter-Lab	77.2902, -12.0384, 4.0646

Details

The Yxy color **59.7378, 0.2992, 0.3350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8471, 0.3282, 0.3231**, and the grayscale version is **58.1227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **30.1867, 0.2959, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **57.1272, 0.2875, 0.3410**, and if you desaturate by 10%, it is **62.7381, 0.3114, 0.3295**.

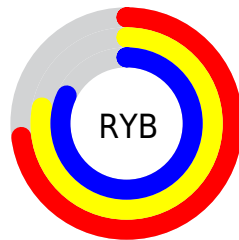
Distribution



Red (73%)

Green (82%)

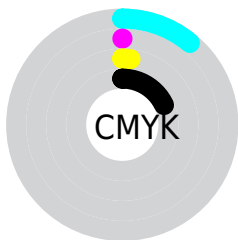
Blue (80%)



Red (73%)

Yellow (78%)

Blue (82%)

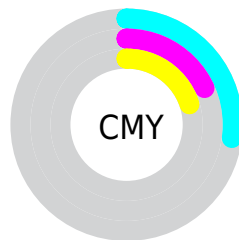


Cyan (11%)

Magenta (0%)

Yellow (2%)

Black (18%)



Cyan (27%)


Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7378, 0.2992, 0.3350 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 59.7378, 0.2992, 0.3350 by changing the saturation by 10% instead.


 59.7378, 0.2992,
0.3350

 59.7378, 0.2992,
0.3350


423.6306, 0.3057,
0.3321

 43.2073, 0.2977,
0.3357

 104.4492, 0.3015,
0.3340

 30.0478, 0.2957,
0.3365


133.3990, 0.3024,
0.3336

 19.8749, 0.2932,
0.3376


167.2572, 0.3031,
0.3333

 12.3041, 0.2899,
0.3391

206.4085, 0.3038,
0.3330

 6.9512, 0.2851,
0.3412

251.2370, 0.3043,
0.3327

 3.4316, 0.2778,
0.3444

302.1273, 0.3048,

 1.3610, 0.2654,

0.3325

0.3498

359.4637, 0.3053,
0.3323

0.1877, 0.0000,
0.4654

0.0000, 0.0000,
0.0000

59.7378, 0.2992,
0.3350

59.7378, 0.2992,
0.3350

57.1272, 0.2875,
0.3410

62.7381, 0.3114,
0.3295

54.8824, 0.2767,
0.3475

66.1360, 0.3240,
0.3246

52.9883, 0.2671,
0.3545

69.9485, 0.3366,
0.3202

51.4257, 0.2588,
0.3619

71.5896, 0.3391,
0.3159

■ 50.1738, 0.2523,
0.3696

■ 71.8331, 0.3358,
0.3114

■ 49.2093, 0.2476,
0.3775

■ 72.0831, 0.3325,
0.3069

■ 48.5055, 0.2448,
0.3855

■ 72.3397, 0.3292,
0.3025

■ 48.0307, 0.2440,
0.3935

■ 72.6028, 0.3260,
0.2981

■ 47.7484, 0.2446,
0.4006

■ 72.8726, 0.3228,
0.2938

Harmonies

Analogous

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



59.7378, 0.3093, 0.3437



59.7378, 0.2992, 0.3350



59.7378, 0.2927, 0.3248

Triad

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



59.7378, 0.2992, 0.3350



59.7378, 0.3047, 0.3106



59.7378, 0.3344, 0.3416

Complementary

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



59.7378, 0.2992, 0.3350



51.8471, 0.3282, 0.3231

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.



59.7378, 0.3332, 0.3327



59.7378, 0.2992, 0.3350



59.7378, 0.3158, 0.3150

Square

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



59.7378, 0.2992, 0.3350



59.7378, 0.2958, 0.3109



59.7378, 0.3263, 0.3230



59.7378, 0.3298, 0.3473

Rectangle

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



59.7378, 0.2992, 0.3350



59.7378, 0.2913, 0.3186



59.7378, 0.3263, 0.3230



59.7378, 0.3347, 0.3388

Sweetspot

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



59.7403, 0.2992, 0.3350



98.4716, 0.3089, 0.3306



59.5617, 0.3151, 0.3571



20.9916, 0.3079, 0.3310



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.



59.7403, 0.2992, 0.3350



93.7919, 0.2967, 0.3362



56.8769, 0.2958, 0.3210



13.3614, 0.3011, 0.3341



29.7776, 0.2443, 0.3994



1.6761, 0.2403, 0.3849

Inverse Universe

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



51.8471, 0.3282, 0.3231



79.0818, 0.3316, 0.3219



54.4161, 0.3313, 0.3368



11.8496, 0.3257, 0.3240



8.4880, 0.6014, 0.3087



0.4867, 0.5491, 0.2799

Previews

White Background



This preview shows how the Yxy color 59.7378, 0.2992, 0.3350 looks on a white background.

Color Contrast Check

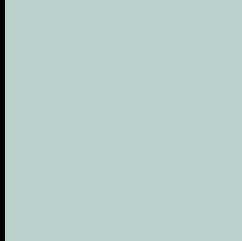
Large Text (above 18pt) WCAG AA × Fail

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 59.7378, 0.2992, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

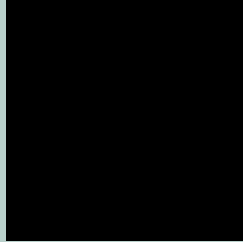
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

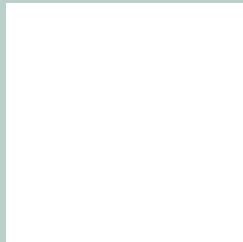
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7378, 0.2992, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 59.7378, 0.2992, 0.3350.

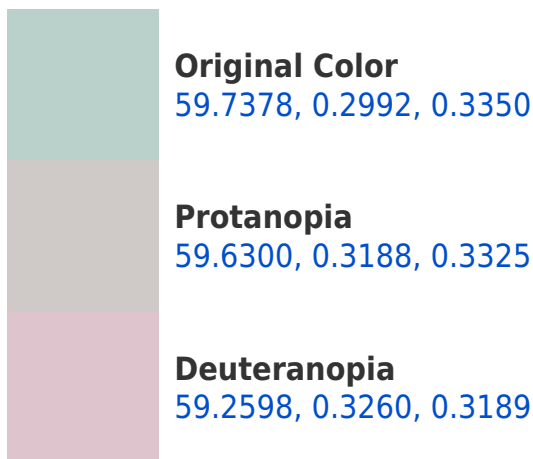


This preview shows how white text looks on a background with the Yxy color 59.7378, 0.2992, 0.3350.

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





Tritanopia

59.5745, 0.2894, 0.3100

Trichromacy



Original Color

59.7378, 0.2992, 0.3350

Protanomaly

59.4980, 0.3117, 0.3338

Deuteranomaly

59.0781, 0.3161, 0.3244

Tritanomaly

59.5624, 0.2933, 0.3194

Monochromacy



Original Color

59.7378, 0.2992, 0.3350

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.0521, 0.3073, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7378, 0.2992, 0.3350 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(185, 208, 203)` looks like.

```
.text, #text, p{  
    color:rgb(185, 208, 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(185, 208, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 208, 203) }
```

Border

The CSS property to change the border of an element to Yxy 59.7378, 0.2992, 0.3350 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(185, 208, 203) }
```

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

```
.border{ border-color:rgb(185, 208, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 208, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 208, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 208, 203);  
box-shadow:4px 4px 4px 4px rgb(185, 208,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7378, 0.2992, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 208, 203) }
```

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

```
.background{ background-color: rgb(185,  
208, 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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