

Converting Colors

$Y_{xy}(50.7000, 0.3061, 0.3370)$

Have a look what the booklet for
Yxy(50.7000, 0.3061, 0.3370)
contains.

Yxy(50.7094, 0.3059, 0.3367)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7094, 0.3059, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	B2C0BA
RGB	178, 192, 186
RGB Percent	70%, 75%, 73%
CMY	0.3020, 0.2470, 0.2705
CMYK	0.07, 0.00, 0.03, 0.25
HSL	154°, 10%, 73%
HSV	154°, 7%, 75%
XYZ	46.0707, 50.7094, 53.8270
YIQ	187.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

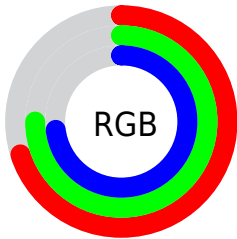
Format	Color
RYB	178, 187, 192
Decimal	11714746
CIELab	76.50, -5.95, 1.35
CIELCh	77, 6.104, 167.254
Yxy	50.7094, 0.3059, 0.3367
Android (android.graphics.Color)	4289904826 (0xFFB2C0BA)
YUV	187.1300, -0.5571, -8.0070
Hunter-Lab	71.2105, -9.1352, 5.0310

Details

The Yxy color **50.7094, 0.3059, 0.3367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4989, 0.3201, 0.3214**, and the grayscale version is **49.7771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0380, 0.3074, 0.3350**, and **24.5187, 0.3036, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **48.2589, 0.2968, 0.3483**, and if you desaturate by 10%, it is **53.5021, 0.3152, 0.3263**.

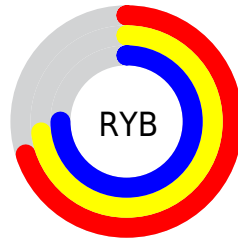
Distribution



Red (70%)

Green (75%)

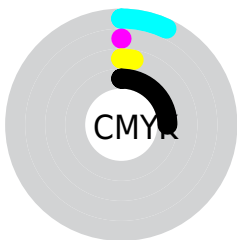
Blue (73%)



Red (70%)

Yellow (73%)

Blue (75%)

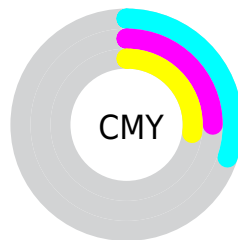


Cyan (7%)

Magenta (0%)

Yellow (3%)

Black (25%)



Cyan (30%)


Magenta (25%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7094, 0.3059, 0.3367 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 50.7094, 0.3059, 0.3367 by changing the saturation by 10% instead.


 50.7094, 0.3059,
0.3367

 50.7094, 0.3059,
0.3367


389.4337, 0.3093,
0.3329

 35.9774, 0.3051,
0.3376


 91.2251, 0.3071,
0.3353

 24.4167, 0.3040,
0.3388


117.7775, 0.3076,
0.3348

 15.6430, 0.3026,
0.3404


149.0389, 0.3080,
0.3344

 9.2719, 0.3007,
0.3427

185.3936, 0.3083,
0.3340

 4.9190, 0.2978,
0.3459

227.2261, 0.3086,
0.3337

 2.1998, 0.2931,
0.3513

274.9206, 0.3088,

 0.7199, 0.2766,

0.3334

0.3695

328.8617, 0.3091,
0.3331

0.0000, 0.0000,
0.0000

50.7094, 0.3059,
0.3367

50.7094, 0.3059,
0.3367

48.2589, 0.2968,
0.3483

53.5021, 0.3152,
0.3263

46.1306, 0.2882,
0.3611

56.6432, 0.3246,
0.3171

44.3123, 0.2803,
0.3750

60.1468, 0.3339,
0.3089

42.7885, 0.2735,
0.3899

64.0245, 0.3430,
0.3017

41.5424, 0.2681,
0.4058

64.5073, 0.3367,
0.2937

■ 40.5552, 0.2643,
0.4222

■ 64.9703, 0.3303,
0.2857

■ 39.8060, 0.2625,
0.4388

■ 65.4551, 0.3241,
0.2780

■ 39.2702, 0.2627,
0.4553

■ 65.9619, 0.3181,
0.2704

■ 38.9133, 0.2648,
0.4714

■ 66.1829, 0.3156,
0.2673

Harmonies

Analogous

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



50.7094, 0.3141, 0.3419



50.7094, 0.3059, 0.3367



50.7094, 0.2996, 0.3294

Triad

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



50.7094, 0.3059, 0.3367



50.7094, 0.3034, 0.3148



50.7094, 0.3290, 0.3356

Complementary

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



50.7094, 0.3059, 0.3367



46.4989, 0.3201, 0.3214

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.



50.7094, 0.3260, 0.3284



50.7094, 0.3059, 0.3367



50.7094, 0.3112, 0.3166

Square

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



50.7094, 0.3059, 0.3367



50.7094, 0.2981, 0.3168



50.7094, 0.3195, 0.3215



50.7094, 0.3275, 0.3411

Rectangle

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



50.7094, 0.3059, 0.3367



50.7094, 0.2972, 0.3244



50.7094, 0.3195, 0.3215



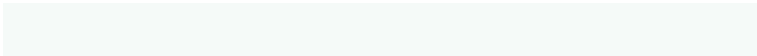
50.7094, 0.3285, 0.3333

Sweetspot

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



50.7116, 0.3059, 0.3367



94.4669, 0.3108, 0.3311



51.1139, 0.3168, 0.3470



20.2775, 0.3109, 0.3310



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



50.7116, 0.3059, 0.3367



91.0161, 0.3042, 0.3387



50.5620, 0.3015, 0.3278



11.3535, 0.3040, 0.3390



26.1426, 0.2649, 0.4736



1.1431, 0.2550, 0.4378

Inverse Universe

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



46.4989, 0.3201, 0.3214



81.5822, 0.3221, 0.3195



46.6267, 0.3249, 0.3302



10.1476, 0.3224, 0.3192



7.9645, 0.5244, 0.2662



0.3579, 0.4679, 0.2351

Previews

White Background



This preview shows how the Yxy color 50.7094, 0.3059, 0.3367 looks on a white background.

Color Contrast Check

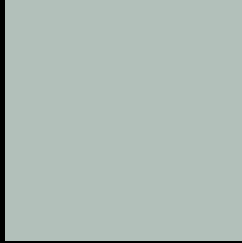
Large Text (above 18pt) WCAG AA × Fail

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 50.7094, 0.3059, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

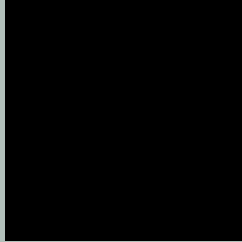
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

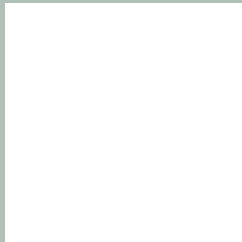
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7094, 0.3059, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 50.7094, 0.3059, 0.3367.



This preview shows how white text looks on a background with the Yxy color 50.7094, 0.3059, 0.3367.

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

50.7094, 0.3059, 0.3367

Protanopia

50.7646, 0.3200, 0.3340

Deuteranopia

50.3521, 0.3294, 0.3218



Tritanopia

50.5786, 0.2953, 0.3101

Trichromacy



Original Color

50.7094, 0.3059, 0.3367

Protanomaly

50.5893, 0.3149, 0.3341

Deuteranomaly

50.4414, 0.3203, 0.3278

Tritanomaly

50.5614, 0.2995, 0.3201

Monochromacy



Original Color

50.7094, 0.3059, 0.3367

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.1734, 0.3101, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7094, 0.3059, 0.3367 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(178, 192, 186)` looks like.

```
.text, #text, p{  
    color:rgb(178, 192, 186)  
}
```

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(178, 192, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 192, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.7094, 0.3059, 0.3367 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(178, 192, 186) }
```

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

```
.border{ border-color:rgb(178, 192, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 192, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 192, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 192, 186);  
box-shadow:4px 4px 4px 4px rgb(178, 192,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7094, 0.3059, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 192, 186) }
```

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

```
.background{ background-color: rgb(178,  
192, 186) }
```

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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