

Converting Colors

Yxy(57.1189, 0.3048, 0.3366)

Have a look what the booklet for
Yxy(57.1189, 0.3048, 0.3366)
contains.

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Color

Yxy(57.3079, 0.3048, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	BBCBC5
RGB	187, 203, 197
RGB Percent	73%, 80%, 77%
CMY	0.2664, 0.2040, 0.2274
CMYK	0.08, 0.00, 0.03, 0.20
HSL	158°, 13%, 76%
HSV	158°, 8%, 80%
XYZ	51.9401, 57.3079, 61.1591
YIQ	197.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

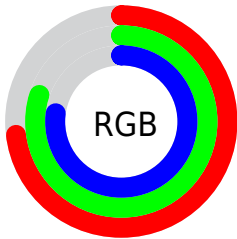
Format	Color
RYB	187, 197, 203
Decimal	12307397
CIELab	80.35, -6.53, 1.11
CIElCh	80, 6.624, 170.377
Yxy	57.3079, 0.3048, 0.3363
Android (android.graphics.Color)	4290497477 (0xFFBBCBC5)
YUV	197.5320, -0.2623, -9.2366
Hunter-Lab	75.7020, -10.0074, 5.0914

Details

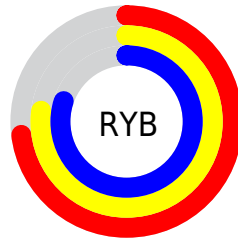
The Yxy color **57.3079, 0.3048, 0.3363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1126, 0.3213, 0.3218**, and the grayscale version is **56.1857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7304, 0.3059, 0.3300**, and **28.5464, 0.3032, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **54.5876, 0.2950, 0.3465**, and if you desaturate by 10%, it is **60.4126, 0.3149, 0.3271**.

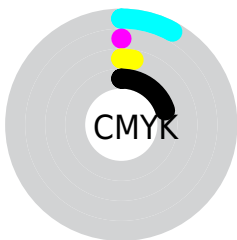
Distribution



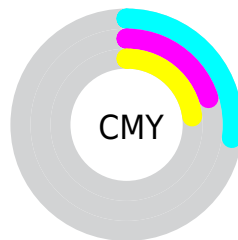
- Red (73%)
- Green (80%)
- Blue (77%)



- Red (73%)
- Yellow (77%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)




- Cyan (27%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3079, 0.3048, 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 57.3079, 0.3048, 0.3363 by changing the saturation by 10% instead.


 57.3079, 0.3048,
0.3363

 57.3079, 0.3048,
0.3363


414.6020, 0.3086,
0.3328

 41.2525, 0.3039,
0.3372


 100.9143, 0.3062,
0.3350

 28.5164, 0.3027,
0.3382


129.2341, 0.3067,
0.3346

 18.7153, 0.3012,
0.3396

162.4108, 0.3071,
0.3342

 11.4648, 0.2991,
0.3415

200.8289, 0.3075,
0.3338

 6.3803, 0.2962,
0.3443

244.8726, 0.3078,
0.3335

 3.0777, 0.2916,
0.3486

294.9265, 0.3081,

 1.1724, 0.2835,

0.3332

0.3563

351.3748, 0.3084,
0.3330

0.0390, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.3079, 0.3048,
0.3363

57.3079, 0.3048,
0.3363

54.5876, 0.2950,
0.3465

60.4126, 0.3149,
0.3271

52.2289, 0.2857,
0.3578

63.9088, 0.3251,
0.3189

50.2180, 0.2773,
0.3700

67.8127, 0.3352,
0.3116

48.5371, 0.2701,
0.3831

69.5358, 0.3350,
0.3044

■ 47.1669, 0.2643,
0.3969

■ 69.9661, 0.3293,
0.2970

■ 46.0860, 0.2603,
0.4113

■ 70.4152, 0.3238,
0.2897

■ 45.2702, 0.2582,
0.4258

■ 70.8833, 0.3184,
0.2825

■ 44.6912, 0.2582,
0.4403

■ 71.1857, 0.3151,
0.2781

■ 44.3079, 0.2599,
0.4545

Harmonies

Analogous

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



57.3079, 0.3133, 0.3420



57.3079, 0.3048, 0.3363



57.3079, 0.2985, 0.3286

Triad

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



57.3079, 0.3048, 0.3363



57.3079, 0.3037, 0.3143



57.3079, 0.3297, 0.3365

Complementary

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



57.3079, 0.3048, 0.3363



52.1126, 0.3213, 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.



57.3079, 0.3271, 0.3292



57.3079, 0.3048, 0.3363



57.3079, 0.3120, 0.3165

Square

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



57.3079, 0.3048, 0.3363



57.3079, 0.2979, 0.3159



57.3079, 0.3206, 0.3219



57.3079, 0.3277, 0.3421

Rectangle

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



57.3079, 0.3048, 0.3363



57.3079, 0.2964, 0.3235



57.3079, 0.3206, 0.3219



57.3079, 0.3294, 0.3342

Sweetspot

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



57.3103, 0.3048, 0.3363



98.9231, 0.3107, 0.3308



57.6554, 0.3165, 0.3485



21.1849, 0.3108, 0.3307



0.0000, 0.0000, 0.0000



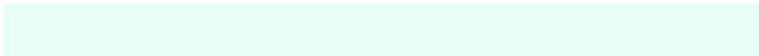
21.4041, 0.3127, 0.3290

Same Dimension

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



57.3103, 0.3048, 0.3363



95.3628, 0.3035, 0.3375



56.7170, 0.3007, 0.3267



12.6530, 0.3033, 0.3378



28.1742, 0.2599, 0.4556



1.4679, 0.2522, 0.4279

Inverse Universe

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



52.1126, 0.3213, 0.3218



85.3312, 0.3229, 0.3206



52.6454, 0.3259, 0.3313



11.2820, 0.3232, 0.3203



8.4288, 0.5461, 0.2782



0.4494, 0.4927, 0.2488

Previews

White Background



This preview shows how the Yxy color 57.3079, 0.3048, 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 57.3079, 0.3048, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

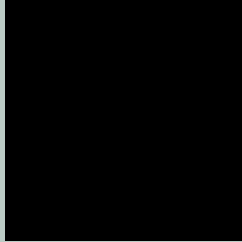
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

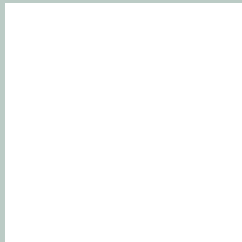
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3079, 0.3048, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 57.3079, 0.3048, 0.3363.



This preview shows how white text looks on a background with the Yxy color 57.3079, 0.3048, 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

57.3079, 0.3048, 0.3363

Protanopia

57.1206, 0.3204, 0.3338

Deuteranopia

57.1689, 0.3285, 0.3222



Tritanopia

57.2136, 0.2940, 0.3099

Trichromacy



Original Color

57.3079, 0.3048, 0.3363

Protanomaly

57.2545, 0.3148, 0.3350

Deuteranomaly

57.2751, 0.3199, 0.3278

Tritanomaly

57.1956, 0.2980, 0.3193

Monochromacy



Original Color

57.3079, 0.3048, 0.3363

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.8551, 0.3095, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3079, 0.3048, 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(187, 203, 197)` looks like.

```
.text, #text, p{  
    color:rgb(187, 203, 197)  
}
```

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, 203, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 203, 197) }
```

Border

The CSS property to change the border of an element to Yxy 57.3079, 0.3048, 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(187, 203, 197) }
```

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

```
.border{ border-color:rgb(187, 203, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 203, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 203, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 203, 197);  
box-shadow:4px 4px 4px 4px rgb(187, 203,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3079, 0.3048, 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(187, 203, 197) }
```

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

```
.background{ background-color: rgb(187,  
203, 197) }
```

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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