

Converting Colors

$Yxy(57.5378, 0.3374, 0.3752)$

Have a look what the booklet for
Yxy(57.5378, 0.3374, 0.3752)
contains.

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Color

Yxy(57.5706, 0.3373, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	C7CBA5
RGB	199, 203, 165
RGB Percent	78%, 80%, 65%
CMY	0.2199, 0.2038, 0.3530
CMYK	0.02, 0.00, 0.19, 0.20
HSL	66°, 27%, 72%
HSV	66°, 19%, 80%
XYZ	51.6864, 57.5706, 43.9786
YIQ	197.4720, 9.8140, -12.6660

Conversions

Conversions Part 2

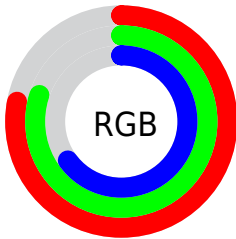
Format	Color
RYB	165, 203, 169
Decimal	13093797
CIELab	80.50, -7.83, 18.54
CIELCh	80, 20.125, 112.900
Yxy	57.5706, 0.3373, 0.3757
Android (android.graphics.Color)	4291283877 (0xFFC7CBA5)
YUV	197.4720, -16.0087, 1.3401
Hunter-Lab	75.8753, -11.1873, 18.7472

Details

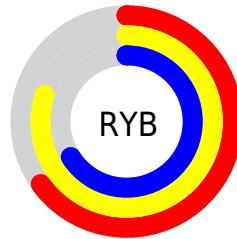
The Yxy color **57.5706, 0.3373, 0.3757** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6626, 0.2854, 0.2787**, and the grayscale version is **56.2246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **28.7069, 0.3436, 0.3883** is the 20% darker color. If you saturate the color by 10%, you get **56.5951, 0.3505, 0.4014**, and if you desaturate by 10%, it is **58.6729, 0.3241, 0.3504**.

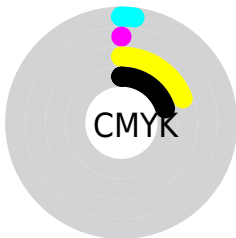
Distribution



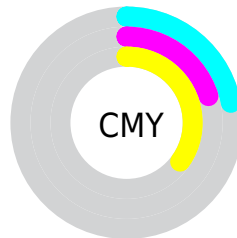
- Red (78%)
- Green (80%)
- Blue (65%)



- Red (65%)
- Yellow (80%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)





- Cyan (22%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5706, 0.3373, 0.3757 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 57.5706, 0.3373, 0.3757 by changing the saturation by 10% instead.


 57.5706, 0.3373,
0.3757

 57.5706, 0.3373,
0.3757


415.5840, 0.3257,
0.3528

 41.4635, 0.3400,
0.3812


 101.2973, 0.3332,
0.3675

 28.6815, 0.3434,
0.3883


 129.6857, 0.3316,
0.3644

 18.8400, 0.3476,
0.3974


162.9367, 0.3303,
0.3618

 11.5547, 0.3532,
0.4099

201.4346, 0.3291,
0.3595

 6.4412, 0.3607,
0.4277

245.5639, 0.3281,
0.3575

 3.1152, 0.3711,
0.4550

295.7090, 0.3272,

 1.1922, 0.4344,

0.3558

0.5656

352.2542, 0.3264,
0.3542

0.0553, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.5706, 0.3373,
0.3757

57.5706, 0.3373,
0.3757

56.5951, 0.3505,
0.4014

58.6729, 0.3241,
0.3504

55.7331, 0.3631,
0.4267

59.8994, 0.3111,
0.3260

54.9813, 0.3746,
0.4507

61.2576, 0.2987,
0.3030

54.3330, 0.3844,
0.4722

62.7521, 0.2870,
0.2817

■ 53.7811, 0.3922,
0.4903

■ 63.6243, 0.2831,
0.2731

■ 53.3172, 0.3974,
0.5044

■ 63.9469, 0.2846,
0.2733

■ 52.9317, 0.4001,
0.5140

■ 64.2738, 0.2861,
0.2736

■ 52.6089, 0.4004,
0.5196

■ 64.6051, 0.2876,
0.2738

■ 52.5699, 0.4004,
0.5203

■ 64.9409, 0.2891,
0.2740

Harmonies

Analogous

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



57.5706, 0.3571, 0.3691



57.5706, 0.3373, 0.3757



57.5706, 0.3114, 0.3687

Triad

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



57.5706, 0.3373, 0.3757



57.5706, 0.2631, 0.3026



57.5706, 0.3385, 0.3094

Complementary

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



57.5706, 0.3373, 0.3757



39.6626, 0.2854, 0.2787

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.



57.5706, 0.3123, 0.2933



57.5706, 0.3373, 0.3757



57.5706, 0.2695, 0.2887

Square

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



57.5706, 0.3373, 0.3757



57.5706, 0.2692, 0.3248



57.5706, 0.2872, 0.2857



57.5706, 0.3581, 0.3305

Rectangle

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



57.5706, 0.3373, 0.3757



57.5706, 0.2944, 0.3570



57.5706, 0.2872, 0.2857



57.5706, 0.3301, 0.3032

Sweetspot

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



57.5731, 0.3373, 0.3757



98.7426, 0.3206, 0.3438



43.7146, 0.3481, 0.3339



21.1067, 0.3214, 0.3454



0.0000, 0.0000, 0.0000



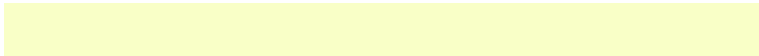
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5731, 0.3373, 0.3757



95.7721, 0.3420, 0.3849



55.1678, 0.3222, 0.3780



13.0330, 0.3249, 0.3520



33.4698, 0.4007, 0.5200



1.7446, 0.4046, 0.5170

Inverse Universe

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



39.6626, 0.2854, 0.2787



60.9908, 0.2794, 0.2679



41.8861, 0.3014, 0.2810



10.9008, 0.2999, 0.3052



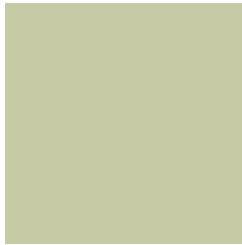
2.8710, 0.1541, 0.0623



0.1681, 0.1662, 0.0689

Previews

White Background



This preview shows how the Yxy color 57.5706, 0.3373, 0.3757 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 57.5706, 0.3373, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

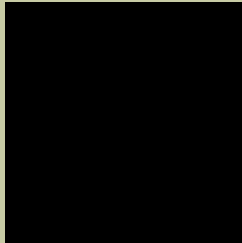
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5706, 0.3373, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 57.5706, 0.3373, 0.3757.



This preview shows how white text looks on a background with the Yxy color 57.5706, 0.3373, 0.3757.

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

57.5706, 0.3373, 0.3757

Protanopia

57.3401, 0.3497, 0.3721

Deuteranopia

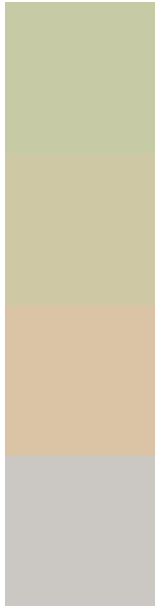
57.3123, 0.3647, 0.3575



Tritanopia

57.6651, 0.3081, 0.3115

Trichromacy



Original Color

57.5706, 0.3373, 0.3757

Protanomaly

57.2543, 0.3454, 0.3725

Deuteranomaly

57.2931, 0.3549, 0.3642

Tritanomaly

57.4835, 0.3188, 0.3338

Monochromacy



Original Color

57.5706, 0.3373, 0.3757

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.3554, 0.3222, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5706, 0.3373, 0.3757 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(199, 203, 165)` looks like.

```
.text, #text, p{  
    color:rgb(199, 203, 165)  
}
```

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(199, 203, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 203, 165) }
```

Border

The CSS property to change the border of an element to Yxy 57.5706, 0.3373, 0.3757 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(199, 203, 165) }
```

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

```
.border{ border-color:rgb(199, 203, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 203, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 203, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 203, 165);  
box-shadow:4px 4px 4px 4px rgb(199, 203,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5706, 0.3373, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 203, 165) }
```

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

```
.background{ background-color: rgb(199,  
203, 165) }
```

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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