

Converting Colors

$Y_{xy}(57.3923, 0.3370, 0.3350)$

Have a look what the booklet for
Yxy(57.3923, 0.3370, 0.3350)
contains.

Yxy(57.3178, 0.3370, 0.3348)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.3178, 0.3370, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	DBC2BD
RGB	219, 194, 189
RGB Percent	86%, 76%, 74%
CMY	0.1412, 0.2392, 0.2587
CMYK	0.00, 0.11, 0.14, 0.14
HSL	10°, 29%, 80%
HSV	10°, 14%, 86%
XYZ	57.6944, 57.3178, 56.1879
YIQ	200.9050, 16.5050, 3.7450

Conversions

Conversions Part 2

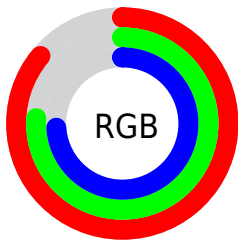
Format	Color
R _Y B	219, 195, 189
Decimal	14402237
CIE Lab	80.36, 8.02, 5.71
CIE LCh	80, 9.845, 35.486
Yxy	57.3178, 0.3370, 0.3348
Android (android.graphics.Color)	4292592317 (0xFFDBC2BD)
YUV	200.9050, -5.8692, 15.8693
Hunter-Lab	75.7085, 3.5378, 8.9933

Details

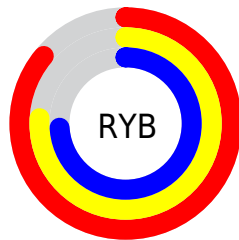
The Yxy color **57.3178, 0.3370, 0.3348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0527, 0.2918, 0.3231**, and the grayscale version is **58.3790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8469, 0.3188, 0.3348**, and **28.4263, 0.3435, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **48.7995, 0.3594, 0.3394**, and if you desaturate by 10%, it is **66.9851, 0.3186, 0.3305**.

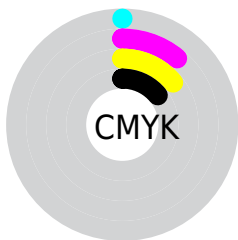
Distribution



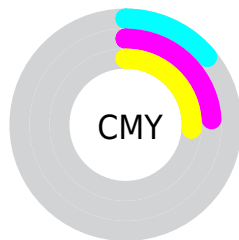
- Red (86%)
- Green (76%)
- Blue (74%)



- Red (86%)
- Yellow (76%)
- Blue (74%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (14%)





- Cyan (14%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3178, 0.3370, 0.3348 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 57.3178, 0.3370, 0.3348 by changing the saturation by 10% instead.


 57.3178, 0.3370,
0.3348

 57.3178, 0.3370,
0.3348

414.6391, 0.3252,
0.3321

 41.2604, 0.3398,
0.3354


 100.9288, 0.3328,
0.3339

 28.5226, 0.3434,
0.3362


129.2511, 0.3312,
0.3335

 18.7200, 0.3481,
0.3371


162.4307, 0.3298,
0.3332

 11.4681, 0.3545,
0.3384

200.8517, 0.3287,
0.3329

 6.3826, 0.3636,
0.3400

244.8987, 0.3276,
0.3327

 3.0791, 0.3779,
0.3423

294.9560, 0.3267,

 1.1732, 0.4035,

0.3325

351.4080, 0.3259,
0.3323

0.3460

0.0396, 0.8548,
0.1452

0.0000, 0.0000,
0.0000

57.3178, 0.3370,
0.3348

57.3178, 0.3370,
0.3348

48.7995, 0.3594,
0.3394

66.9851, 0.3186,
0.3305

41.3799, 0.3864,
0.3440

77.8339, 0.3035,
0.3265

35.0164, 0.4187,
0.3485

89.9053, 0.2911,
0.3229

29.6607, 0.4562,
0.3523

93.8007, 0.2911,
0.3289

■ 25.2604, 0.4978,
0.3546

■ 21.7588, 0.5408,
0.3548

■ 19.0927, 0.5803,
0.3519

■ 17.1904, 0.6110,
0.3462

■ 16.3386, 0.6249,
0.3420

Harmonies

Analogous

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



57.3178, 0.3299, 0.3236



57.3178, 0.3370, 0.3348



57.3178, 0.3374, 0.3447

Triad

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



57.3178, 0.3370, 0.3348



57.3178, 0.3069, 0.3447



57.3178, 0.2944, 0.3077

Complementary

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



57.3178, 0.3370, 0.3348



64.0527, 0.2918, 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.



57.3178, 0.2886, 0.3128



57.3178, 0.3370, 0.3348



57.3178, 0.2957, 0.3342

Square

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



57.3178, 0.3370, 0.3348



57.3178, 0.3199, 0.3508



57.3178, 0.2890, 0.3224



57.3178, 0.3052, 0.3082

Rectangle

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



57.3178, 0.3370, 0.3348



57.3178, 0.3339, 0.3493



57.3178, 0.2890, 0.3224



57.3178, 0.2918, 0.3088

Sweetspot

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



57.3204, 0.3370, 0.3348



94.0498, 0.3192, 0.3306



56.3536, 0.3177, 0.3003



19.8975, 0.3205, 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.



57.3204, 0.3370, 0.3348



77.8151, 0.3421, 0.3359



64.1003, 0.3347, 0.3512



13.3981, 0.3287, 0.3329



9.7947, 0.6229, 0.3436



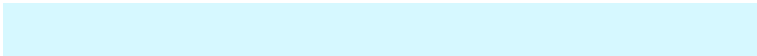
0.7435, 0.5940, 0.3666

Inverse Universe

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



64.0527, 0.2918, 0.3231



88.8310, 0.2881, 0.3220



57.0280, 0.2913, 0.3057



14.4433, 0.2982, 0.3250



23.1875, 0.2099, 0.2756



1.6019, 0.2126, 0.2852

Previews

White Background



This preview shows how the Yxy color 57.3178, 0.3370, 0.3348 looks on a white background.

Color Contrast Check

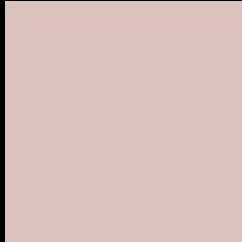
Large Text (above 18pt) WCAG AA × Fail

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 57.3178, 0.3370, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

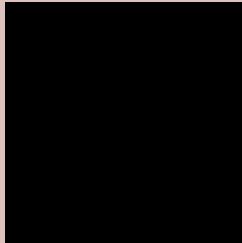
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3178, 0.3370, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 57.3178, 0.3370, 0.3348.



This preview shows how white text looks on a background with the Yxy color 57.3178, 0.3370, 0.3348.

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

57.3178, 0.3370, 0.3348

Protanopia

57.6318, 0.3226, 0.3374

Deuteranopia

57.5020, 0.3405, 0.3337



Tritanopia

57.0900, 0.3257, 0.3120

Trichromacy



Original Color

57.3178, 0.3370, 0.3348

Protanomaly

57.3957, 0.3276, 0.3361

Deuteranomaly

57.3436, 0.3397, 0.3337

Tritanomaly

57.0850, 0.3295, 0.3199

Monochromacy



Original Color

57.3178, 0.3370, 0.3348

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8293, 0.3214, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3178, 0.3370, 0.3348 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(219, 194, 189)` looks like.

```
.text, #text, p{  
    color:rgb(219, 194, 189)  
}
```

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(219, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 194, 189) }
```

Border

The CSS property to change the border of an element to Yxy 57.3178, 0.3370, 0.3348 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(219, 194, 189) }
```

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

```
.border{ border-color:rgb(219, 194, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 194, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 194, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 194, 189);  
box-shadow:4px 4px 4px 4px rgb(219, 194,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3178, 0.3370, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 194, 189) }
```

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

```
.background{ background-color: rgb(219,  
194, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor