

Converting Colors

Yxy(57.4741, 0.3253, 0.3466)

Have a look what the booklet for
Yxy(57.4741, 0.3253, 0.3466)
contains.

Yxy(57.3679, 0.3253, 0.3471)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.3679, 0.3253, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	CAC8B9
RGB	202, 200, 185
RGB Percent	79%, 78%, 73%
CMY	0.2079, 0.2156, 0.2745
CMYK	0.00, 0.01, 0.08, 0.21
HSL	53°, 14%, 76%
HSV	53°, 8%, 79%
XYZ	53.7648, 57.3679, 54.1450
YIQ	198.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

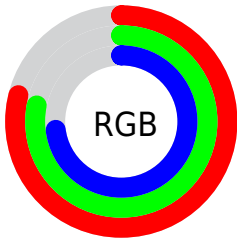
Format	Color
RYB	187, 202, 185
Decimal	13289657
CIELab	80.39, -1.94, 7.73
CIElCh	80, 7.972, 104.110
Yxy	57.3679, 0.3253, 0.3471
Android (android.graphics.Color)	4291479737 (0xFFCAC8B9)
YUV	198.8880, -6.8468, 2.7292
Hunter-Lab	75.7416, -5.8404, 10.6348

Details

The Yxy color **57.3679, 0.3253, 0.3471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1119, 0.2999, 0.3102**, and the grayscale version is **57.0812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **28.5196, 0.3287, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **55.5000, 0.3410, 0.3693**, and if you desaturate by 10%, it is **59.3786, 0.3104, 0.3256**.

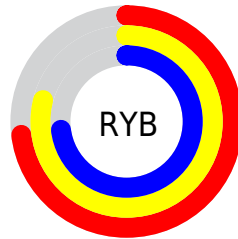
Distribution



Red (79%)

Green (78%)

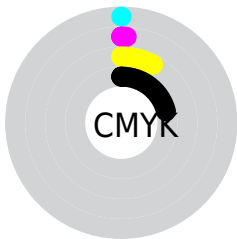
Blue (73%)



Red (73%)

Yellow (79%)

Blue (73%)

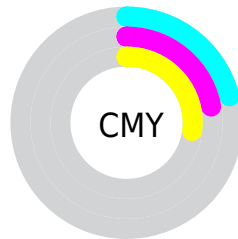


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (21%)



Cyan (21%)

Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3679, 0.3253, 0.3471 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 57.3679, 0.3253, 0.3471 by changing the saturation by 10% instead.

■ 57.3679, 0.3253,
0.3471

■ 57.3679, 0.3253,
0.3471

414.8264, 0.3192,
0.3383

■ 41.3007, 0.3267,
0.3492

■ 101.0018, 0.3231,
0.3440

■ 28.5541, 0.3286,
0.3519

129.3373, 0.3223,
0.3428

■ 18.7438, 0.3309,
0.3554

162.5310, 0.3216,
0.3418

■ 11.4853, 0.3341,
0.3601

200.9673, 0.3210,
0.3409

■ 6.3942, 0.3386,
0.3669

245.0306, 0.3205,
0.3401

■ 3.0863, 0.3456,
0.3774

295.1053, 0.3200,

■ 1.1769, 0.3600,

0.3395

0.3989

351.5758, 0.3196,
0.3389

0.0427, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.3679, 0.3253,
0.3471

57.3679, 0.3253,
0.3471

55.5000, 0.3410,
0.3693

59.3786, 0.3104,
0.3256

53.7622, 0.3573,
0.3918

61.5296, 0.2965,
0.3053

52.1516, 0.3736,
0.4138

63.8278, 0.2837,
0.2863

50.6622, 0.3894,
0.4344

65.5620, 0.2782,
0.2794

■ 49.2875, 0.4041,
0.4527

■ 66.7228, 0.2784,
0.2820

■ 48.0203, 0.4170,
0.4677

■ 67.9006, 0.2786,
0.2846

■ 46.8524, 0.4276,
0.4786

■ 69.0955, 0.2788,
0.2872

■ 45.7743, 0.4354,
0.4851

■ 70.3076, 0.2789,
0.2898

■ 44.7712, 0.4407,
0.4875

■ 71.5368, 0.2791,
0.2924

Harmonies

Analogous

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



57.3679, 0.3317, 0.3436



57.3679, 0.3253, 0.3471



57.3679, 0.3155, 0.3457

Triad

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



57.3679, 0.3253, 0.3471



57.3679, 0.2928, 0.3212



57.3679, 0.3201, 0.3188

Complementary

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



57.3679, 0.3253, 0.3471



50.1119, 0.2999, 0.3102

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.



57.3679, 0.3096, 0.3131



57.3679, 0.3253, 0.3471



57.3679, 0.2940, 0.3143

Square

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



57.3679, 0.3253, 0.3471



57.3679, 0.2969, 0.3305



57.3679, 0.3001, 0.3113



57.3679, 0.3287, 0.3273

Rectangle

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



57.3679, 0.3253, 0.3471



57.3679, 0.3085, 0.3420



57.3679, 0.3001, 0.3113



57.3679, 0.3167, 0.3165

Sweetspot

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



57.3704, 0.3253, 0.3471



98.9522, 0.3172, 0.3355



50.8447, 0.3255, 0.3266



21.1207, 0.3184, 0.3372



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.



57.3704, 0.3253, 0.3471



96.5925, 0.3280, 0.3509



57.3998, 0.3199, 0.3497



12.8658, 0.3268, 0.3493



28.7999, 0.4411, 0.4880



1.5503, 0.4363, 0.4918

Inverse Universe

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



50.1119, 0.2999, 0.3102



81.9316, 0.2970, 0.3061



50.1103, 0.3051, 0.3081



11.0501, 0.2982, 0.3079



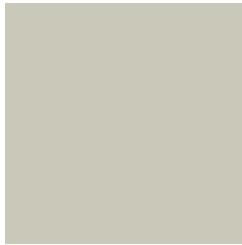
3.2174, 0.1526, 0.0692



0.2379, 0.1596, 0.0944

Previews

White Background



This preview shows how the Yxy color 57.3679, 0.3253, 0.3471 looks on a white background.

Color Contrast Check

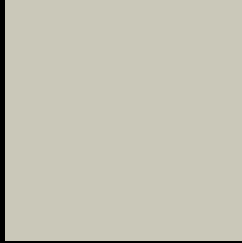
Large Text (above 18pt) WCAG AA × Fail

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 57.3679, 0.3253, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

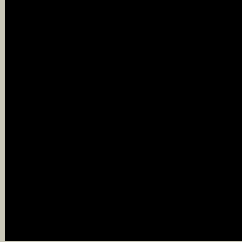
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

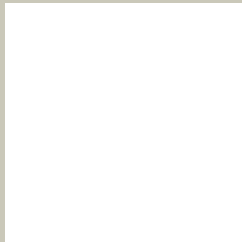
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3679, 0.3253, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 57.3679, 0.3253, 0.3471.



This preview shows how white text looks on a background with the Yxy color 57.3679, 0.3253, 0.3471.

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

57.3679, 0.3253, 0.3471

Protanopia

57.4294, 0.3294, 0.3470

Deuteranopia

56.9751, 0.3423, 0.3348



Tritanopia

57.3551, 0.3089, 0.3104

Trichromacy



Original Color

57.3679, 0.3253, 0.3471

Protanomaly

57.2867, 0.3286, 0.3470

Deuteranomaly

57.0225, 0.3359, 0.3396

Tritanomaly

57.1759, 0.3154, 0.3231

Monochromacy



Original Color

57.3679, 0.3253, 0.3471

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0212, 0.3172, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3679, 0.3253, 0.3471 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(202, 200, 185)` looks like.

```
.text, #text, p{  
    color:rgb(202, 200, 185)  
}
```

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(202, 200, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 200, 185) }
```

Border

The CSS property to change the border of an element to Yxy 57.3679, 0.3253, 0.3471 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(202, 200, 185) }
```

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

```
.border{ border-color:rgb(202, 200, 185) }
```

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

Here you see how a box with a 4 pixel rgb(202, 200, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 200, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 200, 185);  
box-shadow:4px 4px 4px 4px rgb(202, 200,  
185) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 57.3679, 0.3253, 0.3471$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 200, 185) }
```

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

```
.background{ background-color: rgb(202,  
200, 185) }
```

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