

Converting Colors

$Yxy(58.1374, 0.3346, 0.3693)$

Have a look what the booklet for
Yxy(58.1374, 0.3346, 0.3693)
contains.

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Color

Yxy(58.0317, 0.3353, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	C9CBAA
RGB	201, 203, 170
RGB Percent	79%, 80%, 67%
CMY	0.2117, 0.2039, 0.3334
CMYK	0.01, 0.00, 0.16, 0.20
HSL	64°, 24%, 73%
HSV	64°, 16%, 80%
XYZ	52.7032, 58.0317, 46.4474
YIQ	198.6400, 9.4010, -10.6870

Conversions

Conversions Part 2

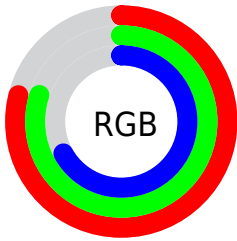
Format	Color
RYB	170, 203, 172
Decimal	13224874
CIELab	80.76, -6.28, 16.27
CIELCh	81, 17.436, 111.109
Yxy	58.0317, 0.3353, 0.3692
Android (android.graphics.Color)	4291414954 (0xFFC9CBAA)
YUV	198.6400, -14.1195, 2.0697
Hunter-Lab	76.1785, -9.8193, 17.1748

Details

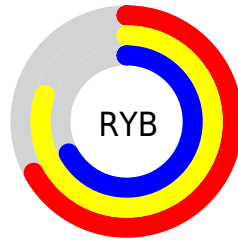
The Yxy color **58.0317, 0.3353, 0.3692** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8233, 0.2881, 0.2858**, and the grayscale version is **56.9684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **29.0059, 0.3409, 0.3796** is the 20% darker color. If you saturate the color by 10%, you get **57.1569, 0.3494, 0.3946**, and if you desaturate by 10%, it is **59.0315, 0.3213, 0.3442**.

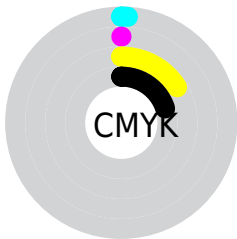
Distribution



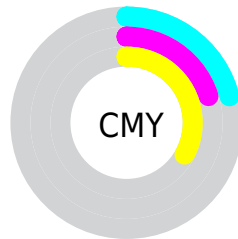
- Red (79%)
- Green (80%)
- Blue (67%)



- Red (67%)
- Yellow (80%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)





- Cyan (21%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0317, 0.3353, 0.3692 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 58.0317, 0.3353, 0.3692 by changing the saturation by 10% instead.


 58.0317, 0.3353,
0.3692

 58.0317, 0.3353,
0.3692


417.3040, 0.3246,
0.3496

 41.8341, 0.3378,
0.3739


 101.9690, 0.3315,
0.3622

 28.9714, 0.3409,
0.3799

130.4776, 0.3301,
0.3595

 19.0592, 0.3449,
0.3878


163.8586, 0.3288,
0.3573

 11.7131, 0.3502,
0.3984

202.4964, 0.3277,
0.3553

 6.5486, 0.3574,
0.4135

246.7755, 0.3268,
0.3536

 3.1815, 0.3678,
0.4369

297.0802, 0.3260,

 1.2272, 0.4156,

0.3521

0.5172

353.7949, 0.3252,
0.3508

■ 0.0837, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0317, 0.3353,
0.3692

■ 58.0317, 0.3353,
0.3692

■ 57.1569, 0.3494,
0.3946

■ 59.0315, 0.3213,
0.3442

■ 56.3941, 0.3630,
0.4196

■ 60.1539, 0.3077,
0.3202

■ 55.7400, 0.3757,
0.4433

■ 61.4060, 0.2948,
0.2975

■ 55.1882, 0.3869,
0.4646

■ 62.7925, 0.2827,
0.2764

■ 54.7317, 0.3961,
0.4827

■ 63.2097, 0.2812,
0.2728

■ 54.3624, 0.4028,
0.4968

■ 63.3852, 0.2820,
0.2729

■ 54.0712, 0.4069,
0.5065

■ 63.5620, 0.2828,
0.2730

■ 53.8462, 0.4086,
0.5121

■ 63.7401, 0.2837,
0.2731

■ 53.7708, 0.4089,
0.5136

■ 63.9197, 0.2845,
0.2733

Harmonies

Analogous

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



58.0317, 0.3518, 0.3631



58.0317, 0.3353, 0.3692



58.0317, 0.3131, 0.3638

Triad

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



58.0317, 0.3353, 0.3692



58.0317, 0.2697, 0.3073



58.0317, 0.3337, 0.3110

Complementary

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



58.0317, 0.3353, 0.3692



41.8233, 0.2881, 0.2858

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.



58.0317, 0.3110, 0.2973



58.0317, 0.3353, 0.3692



58.0317, 0.2746, 0.2946

Square

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



58.0317, 0.3353, 0.3692



58.0317, 0.2757, 0.3268



58.0317, 0.2895, 0.2913



58.0317, 0.3511, 0.3293

Rectangle

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



58.0317, 0.3353, 0.3692



58.0317, 0.2982, 0.3541



58.0317, 0.2895, 0.2913



58.0317, 0.3264, 0.3057

Sweetspot

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



58.0343, 0.3353, 0.3692



99.0616, 0.3196, 0.3413



44.9661, 0.3430, 0.3312



21.1760, 0.3206, 0.3430



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.



58.0343, 0.3353, 0.3692



96.5663, 0.3409, 0.3794



55.9079, 0.3223, 0.3709



13.0613, 0.3257, 0.3520



34.2343, 0.4090, 0.5134



1.7767, 0.4112, 0.5117

Inverse Universe

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



41.8233, 0.2881, 0.2858



63.6779, 0.2812, 0.2739



43.7667, 0.3017, 0.2875



10.8754, 0.2991, 0.3051



2.8079, 0.1521, 0.0611



0.1563, 0.1591, 0.0650

Previews

White Background



This preview shows how the Yxy color 58.0317, 0.3353, 0.3692 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 58.0317, 0.3353, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

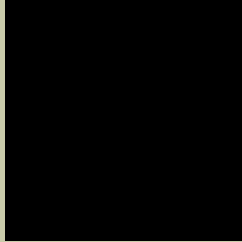
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

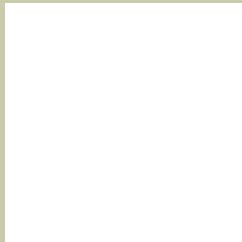
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0317, 0.3353, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 58.0317, 0.3353, 0.3692.



This preview shows how white text looks on a background with the Yxy color 58.0317, 0.3353, 0.3692.

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

58.0317, 0.3353, 0.3692

Protanopia

57.9846, 0.3456, 0.3671

Deuteranopia

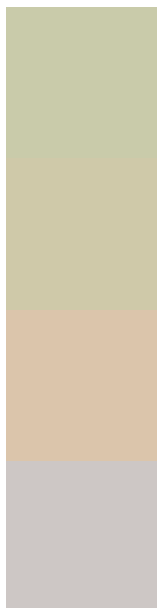
57.9415, 0.3603, 0.3529



Tritanopia

58.0020, 0.3089, 0.3105

Trichromacy



Original Color

58.0317, 0.3353, 0.3692

Protanomaly

57.9033, 0.3413, 0.3675

Deuteranomaly

57.9328, 0.3507, 0.3594

Tritanomaly

57.8572, 0.3189, 0.3314

Monochromacy



Original Color

58.0317, 0.3353, 0.3692

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2188, 0.3215, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0317, 0.3353, 0.3692 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(201, 203, 170)` looks like.

```
.text, #text, p{  
    color:rgb(201, 203, 170)  
}
```

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(201, 203, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 203, 170) }
```

Border

The CSS property to change the border of an element to Yxy 58.0317, 0.3353, 0.3692 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(201, 203, 170) }
```

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

```
.border{ border-color:rgb(201, 203, 170) }
```

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

Here you see how a box with a 4 pixel rgb(201, 203, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 203, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 203, 170);  
box-shadow:4px 4px 4px 4px rgb(201, 203,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0317, 0.3353, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 203, 170) }
```

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

```
.background{ background-color: rgb(201,  
203, 170) }
```

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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