

Converting Colors

Yxy(57.9249, 0.3349, 0.3726)

Have a look what the booklet for
Yxy(57.9249, 0.3349, 0.3726)
contains.

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Color

Yxy(58.1550, 0.3349, 0.3731)

Conversions

Conversions Part 1

Format	Color
Hex	C7CCA8
RGB	199, 204, 168
RGB Percent	78%, 80%, 66%
CMY	0.2199, 0.1999, 0.3412
CMYK	0.02, 0.00, 0.18, 0.20
HSL	68°, 26%, 73%
HSV	68°, 18%, 80%
XYZ	52.2008, 58.1550, 45.5140
YIQ	198.4010, 8.5760, -12.2560

Conversions

Conversions Part 2

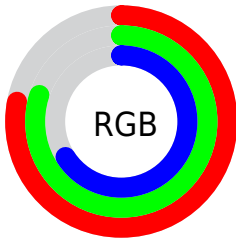
Format	Color
RYB	168, 204, 173
Decimal	13094056
CIELab	80.82, -7.88, 17.40
CIElCh	81, 19.102, 114.377
Yxy	58.1550, 0.3349, 0.3731
Android (android.graphics.Color)	4291284136 (0xFFC7CCA8)
YUV	198.4010, -14.9877, 0.5253
Hunter-Lab	76.2594, -11.2679, 17.9955

Details

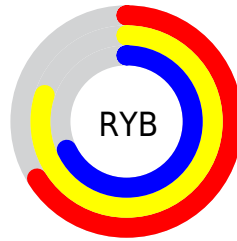
The Yxy color **58.1550, 0.3349, 0.3731** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2554, 0.2881, 0.2820**, and the grayscale version is **56.8134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **29.0934, 0.3404, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **57.0658, 0.3475, 0.3991**, and if you desaturate by 10%, it is **59.3761, 0.3222, 0.3477**.

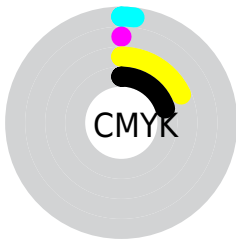
Distribution



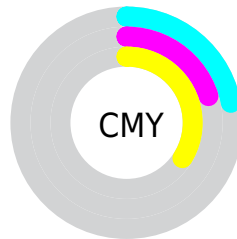
- Red (78%)
- Green (80%)
- Blue (66%)



- Red (66%)
- Yellow (80%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)





- Cyan (22%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1550, 0.3349, 0.3731 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 58.1550, 0.3349, 0.3731 by changing the saturation by 10% instead.


 58.1550, 0.3349,
0.3731


 58.1550, 0.3349,
0.3731


 417.7633, 0.3244,
0.3515


 41.9333, 0.3373,
0.3783


 102.1485, 0.3312,
0.3654


 29.0490, 0.3404,
0.3849


 130.6891, 0.3298,
0.3625


 19.1179, 0.3442,
0.3936


 164.1048, 0.3286,
0.3600

 11.7555, 0.3492,
0.4053

 202.7800, 0.3275,
0.3578

 6.5774, 0.3560,
0.4221

 247.0990, 0.3266,
0.3559

 3.1993, 0.3654,
0.4480

 297.4463, 0.3258,

 1.2366, 0.4178,

0.3543

0.5433

354.2062, 0.3251,
0.3528

0.0913, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.1550, 0.3349,
0.3731

58.1550, 0.3349,
0.3731

57.0658, 0.3475,
0.3991

59.3761, 0.3222,
0.3477

56.0953, 0.3596,
0.4248

60.7265, 0.3099,
0.3235

55.2398, 0.3706,
0.4495

62.2139, 0.2980,
0.3007

54.4930, 0.3801,
0.4719

63.8429, 0.2869,
0.2796

■ 53.8474, 0.3875,
0.4912

■ 64.6136, 0.2855,
0.2746

■ 53.2949, 0.3924,
0.5064

■ 65.0489, 0.2875,
0.2749

■ 52.8257, 0.3947,
0.5172

■ 65.4920, 0.2895,
0.2752

■ 52.4262, 0.3946,
0.5237

■ 65.9427, 0.2915,
0.2755

■ 52.3375, 0.3945,
0.5250

■ 66.4013, 0.2935,
0.2758

Harmonies

Analogous

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



58.1550, 0.3540, 0.3675



58.1550, 0.3349, 0.3731



58.1550, 0.3103, 0.3658

Triad

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



58.1550, 0.3349, 0.3731



58.1550, 0.2657, 0.3032



58.1550, 0.3382, 0.3113

Complementary

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



58.1550, 0.3349, 0.3731



41.2554, 0.2881, 0.2820

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.



58.1550, 0.3136, 0.2957



58.1550, 0.3349, 0.3731



58.1550, 0.2724, 0.2905

Square

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



58.1550, 0.3349, 0.3731



58.1550, 0.2710, 0.3239



58.1550, 0.2896, 0.2881



58.1550, 0.3562, 0.3316

Rectangle

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



58.1550, 0.3349, 0.3731



58.1550, 0.2943, 0.3544



58.1550, 0.2896, 0.2881



58.1550, 0.3304, 0.3054

Sweetspot

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



58.1576, 0.3349, 0.3731



98.8661, 0.3190, 0.3413



45.4760, 0.3455, 0.3351



21.1283, 0.3199, 0.3430



0.0000, 0.0000, 0.0000



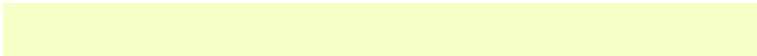
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1576, 0.3349, 0.3731



95.6129, 0.3395, 0.3825



55.8722, 0.3207, 0.3751



13.0133, 0.3244, 0.3520



32.9640, 0.3949, 0.5247



1.7232, 0.3999, 0.5207

Inverse Universe

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



41.2554, 0.2881, 0.2820



62.7599, 0.2824, 0.2712



43.4144, 0.3032, 0.2841



10.9187, 0.3004, 0.3052



2.9309, 0.1560, 0.0633



0.1764, 0.1710, 0.0716

Previews

White Background



This preview shows how the Yxy color 58.1550, 0.3349, 0.3731 looks on a white background.

Color Contrast Check

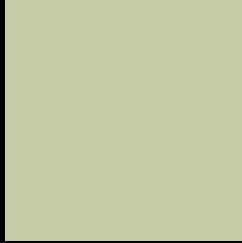
Large Text (above 18pt) WCAG AA × Fail

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 58.1550, 0.3349, 0.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

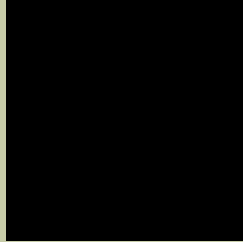
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

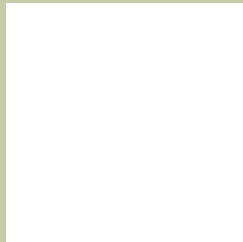
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1550, 0.3349, 0.3731

Background



This preview shows how black text looks on a background with the Yxy color 58.1550, 0.3349, 0.3731.



This preview shows how white text looks on a background with the Yxy color 58.1550, 0.3349, 0.3731.

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

58.1550, 0.3349, 0.3731

Protanopia

58.0588, 0.3480, 0.3695

Deuteranopia

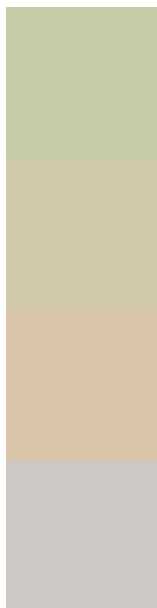
58.0311, 0.3628, 0.3551



Tritanopia

58.1714, 0.3073, 0.3116

Trichromacy



Original Color

58.1550, 0.3349, 0.3731

Protanomaly

57.8287, 0.3428, 0.3699

Deuteranomaly

57.8571, 0.3523, 0.3618

Tritanomaly

58.0363, 0.3172, 0.3326

Monochromacy



Original Color

58.1550, 0.3349, 0.3731

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9022, 0.3206, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1550, 0.3349, 0.3731 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, 204, 168)` looks like.

```
.text, #text, p{  
    color:rgb(199, 204, 168)  
}
```

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, 204, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 204, 168) }
```

Border

The CSS property to change the border of an element to Yxy 58.1550, 0.3349, 0.3731 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, 204, 168) }
```

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

```
.border{ border-color:rgb(199, 204, 168) }
```

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

Here you see how a box with a 4 pixel rgb(199, 204, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 204, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 204, 168);  
box-shadow:4px 4px 4px 4px rgb(199, 204,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1550, 0.3349, 0.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 204, 168) }
```

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

```
.background{ background-color: rgb(199,  
204, 168) }
```

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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