

Converting Colors

Yxy(51.3467, 0.3617, 0.3919)

Have a look what the booklet for
Yxy(51.3467, 0.3617, 0.3919)
contains.

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Color

Yxy(51.1379, 0.3618, 0.3917)

Conversions

Conversions Part 1

Format	Color
Hex	C9BE8C
RGB	201, 190, 140
RGB Percent	79%, 75%, 55%
CMY	0.2117, 0.2549, 0.4511
CMYK	0.00, 0.05, 0.30, 0.21
HSL	49°, 36%, 67%
HSV	49°, 30%, 79%
XYZ	47.2343, 51.1379, 32.1815
YIQ	187.5890, 22.6060, -13.2180

Conversions

Conversions Part 2

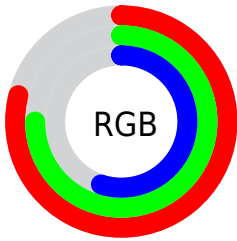
Format	Color
RYB	153, 201, 140
Decimal	13221516
CIELab	76.76, -3.79, 26.71
CIELCh	77, 26.981, 98.085
Yxy	51.1379, 0.3618, 0.3917
Android (android.graphics.Color)	4291411596 (0xFFC9BE8C)
YUV	187.5890, -23.4614, 11.7614
Hunter-Lab	71.5108, -7.2409, 23.3757

Details

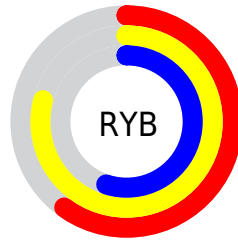
The Yxy color **51.1379, 0.3618, 0.3917** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.9165, 0.2613, 0.2573**, and the grayscale version is **50.1706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0666, 0.3509, 0.3807**, and **24.7236, 0.3745, 0.4096** is the 20% darker color. If you saturate the color by 10%, you get **49.0502, 0.3791, 0.4123**, and if you desaturate by 10%, it is **53.3776, 0.3448, 0.3707**.

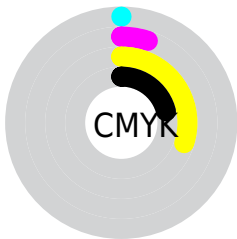
Distribution



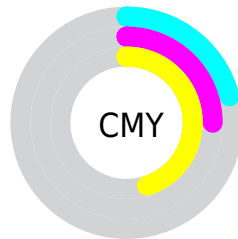
- Red (79%)
- Green (75%)
- Blue (55%)



- Red (60%)
- Yellow (79%)
- Blue (55%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1379, 0.3618, 0.3917 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 51.1379, 0.3618, 0.3917 by changing the saturation by 10% instead.

■ 51.1379, 0.3618,
0.3917

■ 51.1379, 0.3618,
0.3917

391.0993, 0.3380,
0.3608

■ 36.3184, 0.3674,
0.3992

■ 91.8586, 0.3534,
0.3806

■ 24.6802, 0.3745,
0.4086

■ 118.5285, 0.3501,
0.3764

■ 15.8389, 0.3834,
0.4208

■ 149.9174, 0.3474,
0.3728

■ 9.4103, 0.3951,
0.4372

186.4095, 0.3450,
0.3698

■ 5.0097, 0.4105,
0.4597

228.3894, 0.3429,
0.3671

■ 2.2530, 0.4506,
0.5145

276.2414, 0.3411,

■ 0.7486, 0.4526,

0.3647

0.5474

330.3499, 0.3395,
0.3627

0.0000, 0.0000,
0.0000

51.1379, 0.3618,
0.3917

51.1379, 0.3618,
0.3917

49.0502, 0.3791,
0.4123

53.3776, 0.3448,
0.3707

47.1012, 0.3963,
0.4314

55.7681, 0.3285,
0.3498

45.2867, 0.4125,
0.4483


58.3170, 0.3132,
0.3297


43.5992, 0.4270,
0.4617


61.0294, 0.2992,
0.3107


42.0300, 0.4392,
0.4710

63.9101, 0.2863,
0.2928


 40.5692, 0.4487,
0.4757

 66.5990, 0.2778,
0.2819

 39.2462, 0.4554,
0.4766

 68.4283, 0.2781,
0.2860

 70.2985, 0.2784,
0.2900

 72.2099, 0.2786,
0.2940

Harmonies

Analogous

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



51.1379, 0.3825, 0.3735



51.1379, 0.3618, 0.3917



51.1379, 0.3285, 0.3926

Triad

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



51.1379, 0.3618, 0.3917



51.1379, 0.2466, 0.3056



51.1379, 0.3307, 0.2900

Complementary

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



51.1379, 0.3618, 0.3917



31.9165, 0.2613, 0.2573

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.



51.1379, 0.2937, 0.2735



51.1379, 0.3618, 0.3917



51.1379, 0.2470, 0.2805

Square

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



51.1379, 0.3618, 0.3917



51.1379, 0.2627, 0.3401



51.1379, 0.2637, 0.2697



51.1379, 0.3644, 0.3157

Rectangle

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



51.1379, 0.3618, 0.3917



51.1379, 0.3041, 0.3818



51.1379, 0.2637, 0.2697



51.1379, 0.3182, 0.2833

Sweetspot

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



51.1402, 0.3618, 0.3917



95.9976, 0.3266, 0.3473



33.4070, 0.3678, 0.3145



20.4135, 0.3289, 0.3503



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.



51.1402, 0.3618, 0.3917



85.3234, 0.3724, 0.4044



53.5757, 0.3418, 0.4084



12.0792, 0.3270, 0.3478



24.7968, 0.4548, 0.4771



1.2614, 0.4462, 0.4839

Inverse Universe

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



31.9165, 0.2613, 0.2573



47.5690, 0.2496, 0.2400



30.3679, 0.2765, 0.2450



10.5916, 0.2983, 0.3095



3.5510, 0.1549, 0.0777



0.2653, 0.1650, 0.1141

Previews

White Background



This preview shows how the Yxy color 51.1379, 0.3618, 0.3917 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 51.1379, 0.3618, 0.3917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

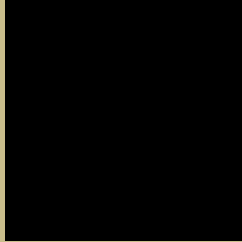
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

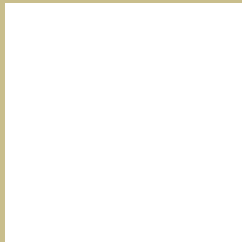
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.1379, 0.3618, 0.3917

Background



This preview shows how black text looks on a background with the Yxy color 51.1379, 0.3618, 0.3917.



This preview shows how white text looks on a background with the Yxy color 51.1379, 0.3618, 0.3917.

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

51.1379, 0.3618, 0.3917

Protanopia

50.9852, 0.3639, 0.3901

Deuteranopia

51.0969, 0.3831, 0.3761



Tritanopia

51.3081, 0.3228, 0.3124

Trichromacy



Original Color

51.1379, 0.3618, 0.3917

Protanomaly

50.8452, 0.3630, 0.3903

Deuteranomaly

51.0681, 0.3754, 0.3821

Tritanomaly

51.2315, 0.3369, 0.3413

Monochromacy



Original Color

51.1379, 0.3618, 0.3917

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6729, 0.3301, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1379, 0.3618, 0.3917 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, 190, 140)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 140)  
}
```

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, 190, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 140) }
```

Border

The CSS property to change the border of an element to Yxy 51.1379, 0.3618, 0.3917 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, 190, 140) }
```

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

```
.border{ border-color:rgb(201, 190, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 140);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1379, 0.3618, 0.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 140) }
```

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

```
.background{ background-color: rgb(201,  
190, 140) }
```

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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