

Converting Colors

Yxy(50.5672, 0.3154, 0.3647)

Have a look what the booklet for
Yxy(50.5672, 0.3154, 0.3647)
contains.

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Color

Yxy(50.7416, 0.3150, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	ADC3A8
RGB	173, 195, 168
RGB Percent	68%, 76%, 66%
CMY	0.3216, 0.2353, 0.3411
CMYK	0.11, 0.00, 0.14, 0.24
HSL	109°, 18%, 71%
HSV	109°, 14%, 76%
XYZ	43.8147, 50.7416, 44.5380
YIQ	185.3440, -4.4450, -13.0610

Conversions

Conversions Part 2

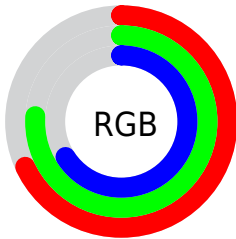
Format	Color
RYB	168, 195, 190
Decimal	11387816
CIELab	76.52, -12.56, 11.06
CIELCh	77, 16.731, 138.633
Yxy	50.7416, 0.3150, 0.3648
Android (android.graphics.Color)	4289577896 (0xFFADC3A8)
YUV	185.3440, -8.5506, -10.8257
Hunter-Lab	71.2331, -14.8646, 12.7926

Details

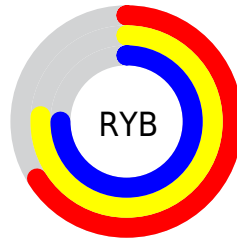
The Yxy color **50.7416, 0.3150, 0.3648** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.9044, 0.3099, 0.2948**, and the grayscale version is **48.7677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6065, 0.3151, 0.3588**, and **24.3038, 0.3149, 0.3747** is the 20% darker color. If you saturate the color by 10%, you get **48.3634, 0.3164, 0.3941**, and if you desaturate by 10%, it is **53.4493, 0.3134, 0.3384**.

Distribution



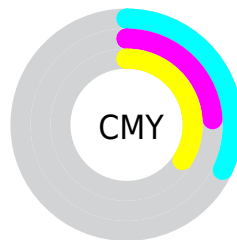
- Red (68%)
- Green (76%)
- Blue (66%)



- Red (66%)
- Yellow (76%)
- Blue (75%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)



- Cyan (32%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7416, 0.3150, 0.3648 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 50.7416, 0.3150, 0.3648 by changing the saturation by 10% instead.


 50.7416, 0.3150,
0.3648

 50.7416, 0.3150,
0.3648

389.5590, 0.3141,
0.3468

 36.0030, 0.3152,
0.3693


 91.2727, 0.3147,
0.3582

 24.4365, 0.3153,
0.3752


 117.8340, 0.3146,
0.3558

 15.6577, 0.3155,
0.3830


149.1050, 0.3145,
0.3537

 9.2823, 0.3156,
0.3941

185.4700, 0.3144,
0.3519

 4.9258, 0.3155,
0.4107

227.3136, 0.3143,
0.3504

 2.2038, 0.3145,
0.4385

275.0200, 0.3142,

 0.7220, 0.3406,

0.3490

0.6476

328.9737, 0.3141,
0.3478

0.0000, 0.0000,
0.0000

50.7416, 0.3150,
0.3648

50.7416, 0.3150,
0.3648

48.3634, 0.3164,
0.3941

53.4493, 0.3134,
0.3384

46.2956, 0.3174,
0.4260

56.4915, 0.3116,
0.3149

44.5274, 0.3178,
0.4595

59.8817, 0.3098,
0.2943

43.0444, 0.3175,
0.4932

63.6303, 0.3081,
0.2763

41.8315, 0.3163,
0.5252

67.0514, 0.3136,
0.2699

■ 40.8718, 0.3142,
0.5532

■ 67.5137, 0.3155,
0.2703

■ 40.1464, 0.3113,
0.5750

■ 39.6337, 0.3078,
0.5895

■ 39.4066, 0.3058,
0.5954

Harmonies

Analogous

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



50.7416, 0.3370, 0.3693



50.7416, 0.3150, 0.3648



50.7416, 0.2929, 0.3496

Triad

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



50.7416, 0.3150, 0.3648



50.7416, 0.2737, 0.2952



50.7416, 0.3501, 0.3277

Complementary

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



50.7416, 0.3150, 0.3648



42.9044, 0.3099, 0.2948

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.



50.7416, 0.3320, 0.3096



50.7416, 0.3150, 0.3648



50.7416, 0.2879, 0.2910

Square

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



50.7416, 0.3150, 0.3648



50.7416, 0.2696, 0.3086



50.7416, 0.3091, 0.2963



50.7416, 0.3579, 0.3468

Rectangle

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



50.7416, 0.3150, 0.3648



50.7416, 0.2811, 0.3358



50.7416, 0.3091, 0.2963



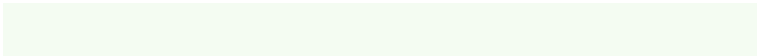
50.7416, 0.3450, 0.3213

Sweetspot

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



50.7438, 0.3150, 0.3648



95.6064, 0.3134, 0.3389



51.0889, 0.3341, 0.3563



20.8511, 0.3135, 0.3408



0.0000, 0.0000, 0.0000



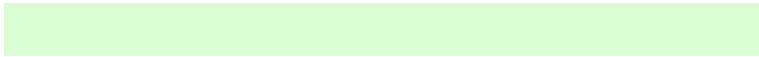
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7438, 0.3150, 0.3648



89.3514, 0.3155, 0.3745



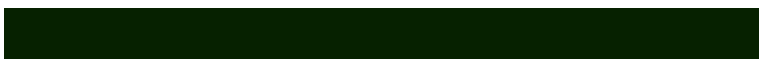
50.4995, 0.3052, 0.3541



11.3460, 0.3143, 0.3526



25.6370, 0.3064, 0.5949



1.1354, 0.3208, 0.5834

Inverse Universe

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



42.9044, 0.3099, 0.2948



72.2523, 0.3090, 0.2860



43.1986, 0.3212, 0.3051



10.1508, 0.3109, 0.3061



7.3935, 0.2752, 0.1290



0.3444, 0.2860, 0.1349

Previews

White Background



This preview shows how the Yxy color 50.7416, 0.3150, 0.3648 looks on a white background.

Color Contrast Check

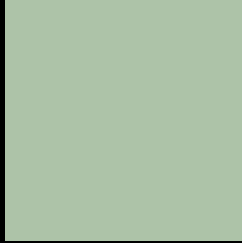
Large Text (above 18pt) WCAG AA × Fail

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 50.7416, 0.3150, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

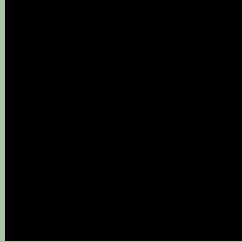
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

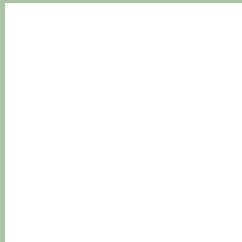
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7416, 0.3150, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 50.7416, 0.3150, 0.3648.



This preview shows how white text looks on a background with the Yxy color 50.7416, 0.3150, 0.3648.

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

50.7416, 0.3150, 0.3648

Protanopia

50.5171, 0.3394, 0.3593

Deuteranopia

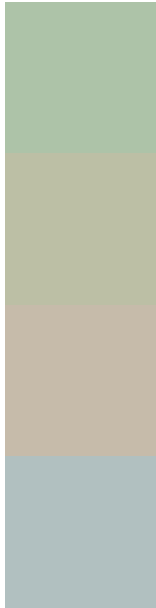
50.5423, 0.3490, 0.3424



Tritanopia

50.8184, 0.2930, 0.3101

Trichromacy



Original Color

50.7416, 0.3150, 0.3648

Protanomaly

50.6696, 0.3303, 0.3625

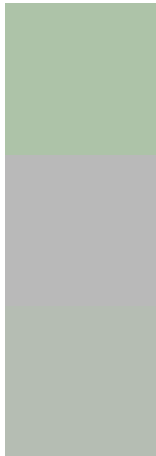
Deuteranomaly

50.4487, 0.3356, 0.3504

Tritanomaly

50.8522, 0.3008, 0.3290

Monochromacy



Original Color

50.7416, 0.3150, 0.3648

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.4736, 0.3138, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7416, 0.3150, 0.3648 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(173, 195, 168)` looks like.

```
.text, #text, p{  
    color:rgb(173, 195, 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(173, 195, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 195, 168) }
```

Border

The CSS property to change the border of an element to Yxy 50.7416, 0.3150, 0.3648 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(173, 195, 168) }
```

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

```
.border{ border-color:rgb(173, 195, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 195, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 195, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 195, 168); box-shadow:4px 4px 4px 4px rgb(173, 195, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7416, 0.3150, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 195, 168) }
```

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

```
.background{ background-color: rgb(173,  
195, 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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