

Converting Colors

Yxy(50.3817, 0.3437, 0.3731)

Have a look what the booklet for
Yxy(50.3817, 0.3437, 0.3731)
contains.

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Color

Yxy(50.2311, 0.3438, 0.3725)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C2BD9B |
| RGB | 194, 189, 155 |
| RGB Percent | 76%, 74%, 61% |
| CMY | 0.2392, 0.2588, 0.3922 |
| CMYK | 0.00, 0.03, 0.20, 0.24 |
| HSL | 52°, 24%, 68% |
| HSV | 52°, 20%, 76% |
| XYZ | 46.3609, 50.2311, 38.2565 |
| YIQ | 186.6190, 13.8940, -9.5140 |

Conversions

Conversions Part 2

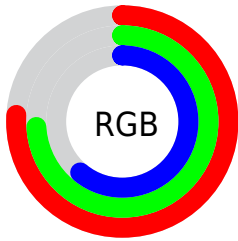
| Format | Color |
|-------------------------------------|--|
| RYB | 161, 194, 155 |
| Decimal | 12762523 |
| CIELab | 76.21, -3.87, 17.86 |
| CIELCh | 76, 18.272, 102.238 |
| Yxy | 50.2311, 0.3438, 0.3725 |
| Android (android.graphics.Color) | 4290952603 (0xFFC2BD9B) |
| YUV | 186.6190, -15.5882, 6.4731 |
| Hunter-Lab | 70.8739, -7.2666, 17.6080 |

Details

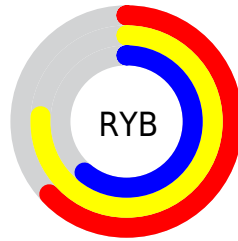
The Yxy color **50.2311, 0.3438, 0.3725** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.9973, 0.2800, 0.2814**, and the grayscale version is **49.5523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4672, 0.3383, 0.3640**, and **24.1832, 0.3516, 0.3845** is the 20% darker color. If you saturate the color by 10%, you get **48.5740, 0.3602, 0.3946**, and if you desaturate by 10%, it is **52.0157, 0.3279, 0.3505**.

Distribution



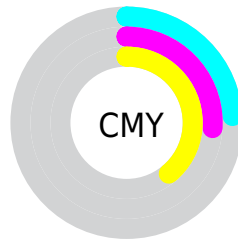
- Red (76%)
- Green (74%)
- Blue (61%)



- Red (63%)
- Yellow (76%)
- Blue (61%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (24%)





- Cyan (24%)
- Magenta (26%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2311, 0.3438, 0.3725 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 50.2311, 0.3438, 0.3725 by changing the saturation by 10% instead.


 50.2311, 0.3438,
0.3725


 50.2311, 0.3438,
0.3725


387.5690, 0.3286,
0.3509

 35.5971, 0.3475,
0.3778


 90.5172, 0.3384,
0.3647

 24.1232, 0.3521,
0.3847


 116.9380, 0.3363,
0.3617

 15.4250, 0.3582,
0.3936


148.0566, 0.3345,
0.3592

 9.1182, 0.3663,
0.4060


184.2573, 0.3330,
0.3571

 4.8184, 0.3777,
0.4239

225.9244, 0.3317,
0.3552

 2.1411, 0.3964,
0.4540

273.4425, 0.3305,

 0.6876, 0.4484,

0.3536

0.5516

327.1959, 0.3295,
0.3522

0.0000, 0.0000,
0.0000

50.2311, 0.3438,
0.3725

50.2311, 0.3438,
0.3725

48.5740, 0.3602,
0.3946

52.0157, 0.3279,
0.3505

47.0325, 0.3766,
0.4162

53.9258, 0.3129,
0.3292

45.6035, 0.3925,
0.4363

55.9682, 0.2988,
0.3090

44.2810, 0.4073,
0.4539

58.1470, 0.2859,
0.2901

43.0582, 0.4202,
0.4681

60.4662, 0.2741,
0.2726

■ 41.9276, 0.4307,
0.4782

■ 61.8288, 0.2726,
0.2724

■ 40.8802, 0.4385,
0.4838

■ 63.0178, 0.2728,
0.2752

■ 39.9089, 0.4439,
0.4858

■ 64.2256, 0.2730,
0.2781

■ 65.4525, 0.2733,
0.2809

Harmonies

Analogous

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



50.2311, 0.3591, 0.3623



50.2311, 0.3438, 0.3725



50.2311, 0.3205, 0.3705

Triad

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



50.2311, 0.3438, 0.3725



50.2311, 0.2662, 0.3108



50.2311, 0.3287, 0.3041

Complementary

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



50.2311, 0.3438, 0.3725



35.9973, 0.2800, 0.2814

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.



50.2311, 0.3034, 0.2913



50.2311, 0.3438, 0.3725



50.2311, 0.2681, 0.2943

Square

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



50.2311, 0.3438, 0.3725



50.2311, 0.2762, 0.3335



50.2311, 0.2814, 0.2876



50.2311, 0.3503, 0.3230

Rectangle

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



50.2311, 0.3438, 0.3725



50.2311, 0.3038, 0.3620



50.2311, 0.2814, 0.2876



50.2311, 0.3203, 0.2990

Sweetspot

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



50.2333, 0.3438, 0.3725



95.6013, 0.3218, 0.3419



37.4527, 0.3470, 0.3222



20.8856, 0.3228, 0.3433



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.



50.2333, 0.3438, 0.3725



89.7003, 0.3508, 0.3820



50.6160, 0.3304, 0.3805



11.5313, 0.3268, 0.3489



26.3233, 0.4435, 0.4861



1.2000, 0.4374, 0.4909

Inverse Universe

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



35.9973, 0.2800, 0.2814



59.3762, 0.2722, 0.2698



35.8011, 0.2922, 0.2762



9.9511, 0.2983, 0.3083



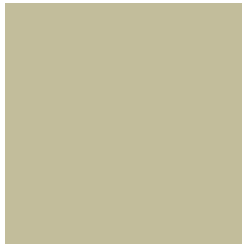
3.0812, 0.1530, 0.0708



0.2027, 0.1615, 0.1015

Previews

White Background



This preview shows how the Yxy color 50.2311, 0.3438, 0.3725 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 50.2311, 0.3438, 0.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

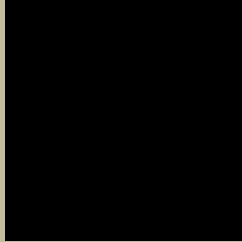
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

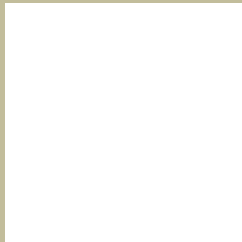
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2311, 0.3438, 0.3725

Background



This preview shows how black text looks on a background with the Yxy color 50.2311, 0.3438, 0.3725.



This preview shows how white text looks on a background with the Yxy color 50.2311, 0.3438, 0.3725.

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

50.2311, 0.3438, 0.3725

Protanopia

50.0159, 0.3495, 0.3707

Deuteranopia

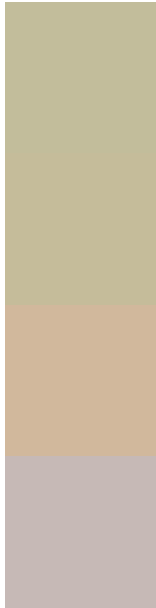
50.2338, 0.3650, 0.3579



Tritanopia

50.1776, 0.3160, 0.3120

Trichromacy



Original Color

50.2311, 0.3438, 0.3725

Protanomaly

50.1699, 0.3475, 0.3722

Deuteranomaly

50.2366, 0.3577, 0.3635

Tritanomaly

50.0811, 0.3261, 0.3328

Monochromacy



Original Color

50.2311, 0.3438, 0.3725

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.0087, 0.3245, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2311, 0.3438, 0.3725 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(194, 189, 155)` looks like.

```
.text, #text, p{  
    color:rgb(194, 189, 155)  
}
```

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(194, 189, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 189, 155) }
```

Border

The CSS property to change the border of an element to Yxy 50.2311, 0.3438, 0.3725 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(194, 189, 155) }
```

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

```
.border{ border-color:rgb(194, 189, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 189, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 189, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 189, 155);  
box-shadow:4px 4px 4px 4px rgb(194, 189,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2311, 0.3438, 0.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 189, 155) }
```

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

```
.background{ background-color: rgb(194,  
189, 155) }
```

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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