

Converting Colors

Yxy(51.5317, 0.3561, 0.3814)

Have a look what the booklet for
Yxy(51.5317, 0.3561, 0.3814)
contains.

| | |
|---|----|
| Yxy(51.5216, 0.3562, 0.3815) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(51.5216, 0.3562, 0.3815)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | CABE94 |
| RGB | 202, 190, 148 |
| RGB Percent | 79%, 75%, 58% |
| CMY | 0.2080, 0.2548, 0.4196 |
| CMYK | 0.00, 0.06, 0.27, 0.21 |
| HSL | 47°, 34%, 69% |
| HSV | 47°, 27%, 79% |
| XYZ | 48.1048, 51.5216, 35.4236 |
| YIQ | 188.8000, 20.6340, -10.5180 |

Conversions

Conversions Part 2

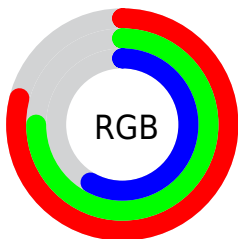
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 163, 202, 148 |
| Decimal | 13287060 |
| CIE Lab | 76.99, -2.37, 22.78 |
| CIE LCh | 77, 22.903, 95.949 |
| Yxy | 51.5216, 0.3562, 0.3815 |
| Android (android.graphics.Color) | 4291477140 (0xFFCABE94) |
| YUV | 188.8000, -20.1144, 11.5764 |
| Hunter-Lab | 71.7785, -5.9846, 20.9846 |

Details

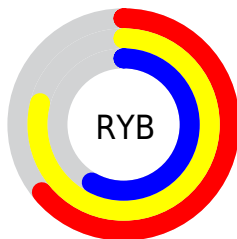
The Yxy color **51.5216, 0.3562, 0.3815** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.6711, 0.2684, 0.2703**, and the grayscale version is **50.8743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4358, 0.3459, 0.3727**, and **24.9574, 0.3672, 0.3961** is the 20% darker color. If you saturate the color by 10%, you get **49.0348, 0.3741, 0.4015**, and if you desaturate by 10%, it is **54.1838, 0.3390, 0.3614**.

Distribution



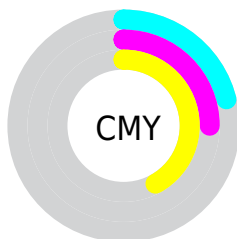
- Red (79%)
- Green (75%)
- Blue (58%)



- Red (64%)
- Yellow (79%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (21%)





- Cyan (21%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5216, 0.3562, 0.3815 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 51.5216, 0.3562, 0.3815 by changing the saturation by 10% instead.

 51.5216, 0.3562,
0.3815

 51.5216, 0.3562,
0.3815


392.5869, 0.3350,
0.3557

 36.6239, 0.3613,
0.3878

 92.4253, 0.3487,
0.3722

 24.9164, 0.3676,
0.3957


 119.2001, 0.3458,
0.3687

 16.0148, 0.3758,
0.4060


150.7027, 0.3433,
0.3657

 9.5346, 0.3868,
0.4199

187.3176, 0.3412,
0.3632

 5.0915, 0.4017,
0.4393

229.4290, 0.3394,
0.3609

 2.3011, 0.4300,
0.4758

277.4215, 0.3377,

 0.7743, 0.4668,

0.3590

0.5332

331.6793, 0.3363,
0.3572

0.0000, 0.0000,
0.0000

51.5216, 0.3562,
0.3815

51.5216, 0.3562,
0.3815

49.0348, 0.3741,
0.4015

54.1838, 0.3390,
0.3614

46.7102, 0.3923,
0.4205

57.0204, 0.3229,
0.3417

44.5433, 0.4100,
0.4377

60.0391, 0.3080,
0.3229

42.5264, 0.4266,
0.4519

63.2454, 0.2943,
0.3053

40.6512, 0.4412,
0.4622

66.6440, 0.2820,
0.2888

■ 38.9079, 0.4532,
0.4680

■ 69.2937, 0.2788,
0.2877

■ 37.2838, 0.4623,
0.4691

■ 71.6233, 0.2791,
0.2926

■ 36.7690, 0.4650,
0.4690

■ 74.0155, 0.2794,
0.2975

■ 76.4709, 0.2798,
0.3024

Harmonies

Analogous

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



51.5216, 0.3725, 0.3657



51.5216, 0.3562, 0.3815



51.5216, 0.3286, 0.3830

Triad

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



51.5216, 0.3562, 0.3815



51.5216, 0.2568, 0.3114



51.5216, 0.3259, 0.2943

Complementary

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



51.5216, 0.3562, 0.3815



35.6711, 0.2684, 0.2703

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.



51.5216, 0.2947, 0.2808



51.5216, 0.3562, 0.3815



51.5216, 0.2561, 0.2891

Square

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



51.5216, 0.3562, 0.3815



51.5216, 0.2717, 0.3407



51.5216, 0.2695, 0.2786



51.5216, 0.3547, 0.3161

Rectangle

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



51.5216, 0.3562, 0.3815



51.5216, 0.3078, 0.3746



51.5216, 0.2695, 0.2786



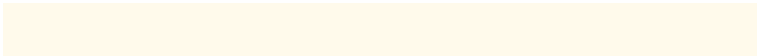
51.5216, 0.3153, 0.2887

Sweetspot

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



51.5239, 0.3562, 0.3815



95.9119, 0.3251, 0.3444



36.2861, 0.3564, 0.3129



20.3694, 0.3275, 0.3474



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.



51.5239, 0.3562, 0.3815



84.8405, 0.3664, 0.3930



54.9899, 0.3406, 0.3978



12.6596, 0.3271, 0.3469



23.8110, 0.4642, 0.4696



1.3351, 0.4538, 0.4779

Inverse Universe

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



35.6711, 0.2684, 0.2703



53.6017, 0.2579, 0.2555



33.1616, 0.2792, 0.2556



11.2394, 0.2983, 0.3104



4.0445, 0.1568, 0.0844



0.3251, 0.1672, 0.1220

Previews

White Background



This preview shows how the Yxy color 51.5216, 0.3562, 0.3815 looks on a white background.

Color Contrast Check

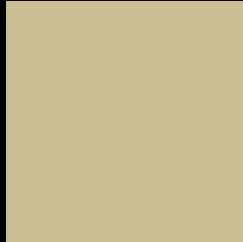
Large Text (above 18pt) WCAG AA × Fail

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 51.5216, 0.3562, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

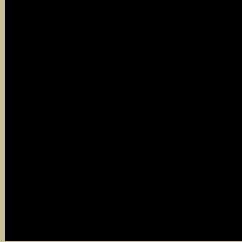
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

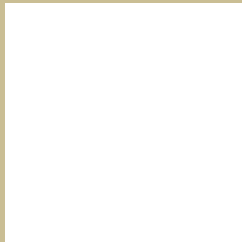
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5216, 0.3562, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 51.5216, 0.3562, 0.3815.



This preview shows how white text looks on a background with the Yxy color 51.5216, 0.3562, 0.3815.

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

51.5216, 0.3562, 0.3815

Protanopia

51.6615, 0.3571, 0.3813

Deuteranopia

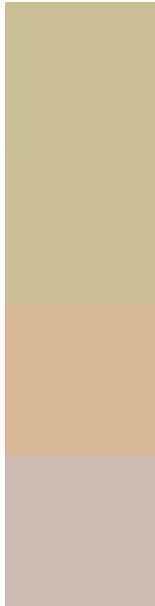
51.1875, 0.3753, 0.3669



Tritanopia

51.3541, 0.3220, 0.3112

Trichromacy



Original Color

51.5216, 0.3562, 0.3815

Protanomaly

51.6615, 0.3571, 0.3813

Deuteranomaly

51.3149, 0.3687, 0.3725

Tritanomaly

51.5349, 0.3345, 0.3364

Monochromacy



Original Color

51.5216, 0.3562, 0.3815

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9205, 0.3286, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5216, 0.3562, 0.3815 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(202, 190, 148)` looks like.

```
.text, #text, p{  
    color:rgb(202, 190, 148)  
}
```

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(202, 190, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 190, 148) }
```

Border

The CSS property to change the border of an element to Yxy 51.5216, 0.3562, 0.3815 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(202, 190, 148) }
```

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

```
.border{ border-color:rgb(202, 190, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 190, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 190, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 190, 148);  
box-shadow:4px 4px 4px 4px rgb(202, 190,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5216, 0.3562, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 190, 148) }
```

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

```
.background{ background-color: rgb(202,  
190, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor