

Converting Colors

Yxy(51.9872, 0.3394, 0.3691)

Have a look what the booklet for
Yxy(51.9872, 0.3394, 0.3691)
contains.

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Color

Yxy(51.8746, 0.3392, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	C3C0A1
RGB	195, 192, 161
RGB Percent	76%, 75%, 63%
CMY	0.2353, 0.2470, 0.3685
CMYK	0.00, 0.02, 0.17, 0.24
HSL	55°, 22%, 70%
HSV	55°, 17%, 76%
XYZ	47.7889, 51.8746, 41.2235
YIQ	189.3630, 11.7390, -9.0050

Conversions

Conversions Part 2

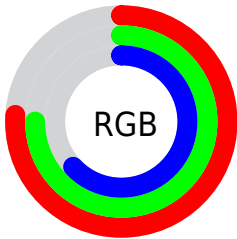
Format	Color
RYB	164, 195, 161
Decimal	12828833
CIELab	77.21, -4.16, 16.01
CIELCh	77, 16.546, 104.567
Yxy	51.8746, 0.3392, 0.3682
Android (android.graphics.Color)	4291018913 (0xFFC3C0A1)
YUV	189.3630, -13.9830, 4.9436
Hunter-Lab	72.0240, -7.6050, 16.4817

Details

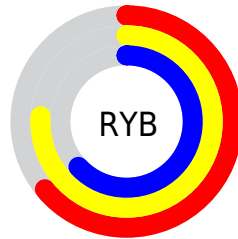
The Yxy color $51.8746, 0.3392, 0.3682$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $38.0761, 0.2847, 0.2865$, and the grayscale version is $51.1858, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.7881, 0.3347, 0.3607$, and $25.2321, 0.3464, 0.3804$ is the 20% darker color. If you saturate the color by 10%, you get $50.4923, 0.3551, 0.3912$, and if you desaturate by 10%, it is $53.3776, 0.3237, 0.3454$.

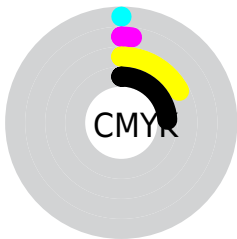
Distribution



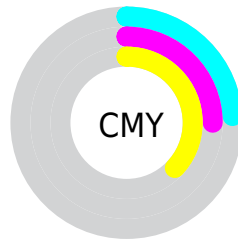
- Red (76%)
- Green (75%)
- Blue (63%)



- Red (64%)
- Yellow (76%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8746, 0.3392, 0.3682 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 51.8746, 0.3392, 0.3682 by changing the saturation by 10% instead.


 51.8746, 0.3392,
0.3682


 51.8746, 0.3392,
0.3682


393.9523, 0.3263,
0.3488

 36.9051, 0.3423,
0.3730


 92.9463, 0.3346,
0.3612

 25.1340, 0.3462,
0.3791


 119.8173, 0.3328,
0.3586

 16.1770, 0.3513,
0.3871


151.4242, 0.3314,
0.3563

 9.6495, 0.3581,
0.3981

188.1515, 0.3301,
0.3544

 5.1672, 0.3678,
0.4141

230.3836, 0.3289,
0.3527

 2.3457, 0.3821,
0.4392

278.5048, 0.3280,

 0.7977, 0.4515,

0.3512

0.5485

332.8996, 0.3271,
0.3499

0.0000, 0.0000,
0.0000

51.8746, 0.3392,
0.3682

51.8746, 0.3392,
0.3682

50.4923, 0.3551,
0.3912

53.3776, 0.3237,
0.3454

49.2188, 0.3710,
0.4138

54.9990, 0.3090,
0.3234

48.0510, 0.3863,
0.4350

56.7456, 0.2952,
0.3026

46.9830, 0.4004,
0.4539

58.6215, 0.2825,
0.2832

46.0084, 0.4127,
0.4696

60.4016, 0.2729,
0.2687

■ 45.1199, 0.4227,
0.4813

■ 61.2041, 0.2731,
0.2707

■ 44.3088, 0.4300,
0.4886

■ 62.0155, 0.2732,
0.2726

■ 43.5631, 0.4346,
0.4917

■ 62.8359, 0.2734,
0.2746

■ 43.3758, 0.4357,
0.4923

■ 63.6654, 0.2735,
0.2765

Harmonies

Analogous

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



51.8746, 0.3535, 0.3600



51.8746, 0.3392, 0.3682



51.8746, 0.3180, 0.3654

Triad

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



51.8746, 0.3392, 0.3682



51.8746, 0.2707, 0.3114



51.8746, 0.3288, 0.3078

Complementary

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



51.8746, 0.3392, 0.3682



38.0761, 0.2847, 0.2865

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.



51.8746, 0.3061, 0.2957



51.8746, 0.3392, 0.3682



51.8746, 0.2732, 0.2971

Square

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



51.8746, 0.3392, 0.3682



51.8746, 0.2789, 0.3315



51.8746, 0.2860, 0.2917



51.8746, 0.3475, 0.3252

Rectangle

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



51.8746, 0.3392, 0.3682



51.8746, 0.3031, 0.3573



51.8746, 0.2860, 0.2917



51.8746, 0.3213, 0.3030

Sweetspot

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



51.8769, 0.3392, 0.3682



96.2670, 0.3202, 0.3402



39.7958, 0.3426, 0.3247



21.0370, 0.3213, 0.3418



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.



51.8769, 0.3392, 0.3682



91.9256, 0.3454, 0.3772



51.4749, 0.3271, 0.3734



11.6018, 0.3267, 0.3498



28.2565, 0.4354, 0.4925



1.2662, 0.4314, 0.4956

Inverse Universe

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



38.0761, 0.2847, 0.2865



62.4925, 0.2777, 0.2757



38.5080, 0.2963, 0.2839



9.8873, 0.2983, 0.3073



2.8787, 0.1519, 0.0666



0.1740, 0.1581, 0.0892

Previews

White Background



This preview shows how the Yxy color 51.8746, 0.3392, 0.3682 looks on a white background.

Color Contrast Check

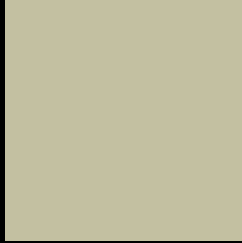
Large Text (above 18pt) WCAG AA × Fail

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 51.8746, 0.3392, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

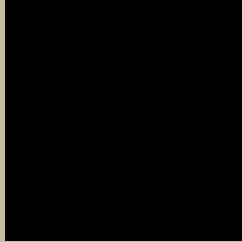
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

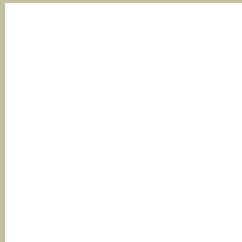
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8746, 0.3392, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 51.8746, 0.3392, 0.3682.



This preview shows how white text looks on a background with the Yxy color 51.8746, 0.3392, 0.3682.

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

51.8746, 0.3392, 0.3682

Protanopia

51.7825, 0.3457, 0.3665

Deuteranopia

51.5714, 0.3610, 0.3529



Tritanopia

51.6142, 0.3127, 0.3109

Trichromacy



Original Color

51.8746, 0.3392, 0.3682

Protanomaly

51.9418, 0.3437, 0.3679

Deuteranomaly

51.4281, 0.3530, 0.3583

Tritanomaly

51.5174, 0.3226, 0.3315

Monochromacy



Original Color

51.8746, 0.3392, 0.3682

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1580, 0.3220, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8746, 0.3392, 0.3682 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(195, 192, 161)` looks like.

```
.text, #text, p{  
    color:rgb(195, 192, 161)  
}
```

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(195, 192, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 192, 161) }
```

Border

The CSS property to change the border of an element to Yxy 51.8746, 0.3392, 0.3682 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(195, 192, 161) }
```

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

```
.border{ border-color:rgb(195, 192, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 192, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 192, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 192, 161);  
box-shadow:4px 4px 4px 4px rgb(195, 192,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8746, 0.3392, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 192, 161) }
```

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

```
.background{ background-color: rgb(195,  
192, 161) }
```

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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