

Converting Colors

Yxy(53.4759, 0.3671, 0.3868)

Have a look what the booklet for
Yxy(53.4759, 0.3671, 0.3868)
contains.

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Color

Yxy(53.5618, 0.3668, 0.3871)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D3C090 |
| RGB | 211, 192, 144 |
| RGB Percent | 83%, 75%, 56% |
| CMY | 0.1725, 0.2471, 0.4353 |
| CMYK | 0.00, 0.09, 0.32, 0.17 |
| HSL | 43°, 43%, 70% |
| HSV | 43°, 32%, 83% |
| XYZ | 50.7530, 53.5618, 34.0521 |
| YIQ | 192.2090, 26.7320, -10.9000 |

Conversions

Conversions Part 2

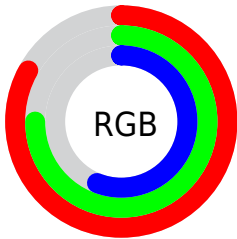
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 171, 211, 144 |
| Decimal | 13877392 |
| CIE Lab | 78.21, -0.42, 26.67 |
| CIE LCh | 78, 26.671, 90.892 |
| Yxy | 53.5618, 0.3668, 0.3871 |
| Android (android.graphics.Color) | 4292067472 (0xFFD3C090) |
| YUV | 192.2090, -23.7670, 16.4797 |
| Hunter-Lab | 73.1859, -4.2893, 23.6436 |

Details

The Yxy color **53.5618, 0.3668, 0.3871** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.8412, 0.2597, 0.2631**, and the grayscale version is **52.9737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4720, 0.3480, 0.3786**, and **26.3235, 0.3812, 0.4027** is the 20% darker color. If you saturate the color by 10%, you get **50.4004, 0.3861, 0.4055**, and if you desaturate by 10%, it is **56.9558, 0.3484, 0.3683**.

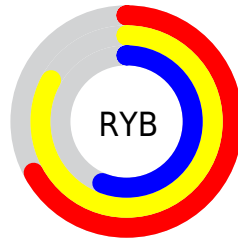
Distribution



Red (83%)

Green (75%)

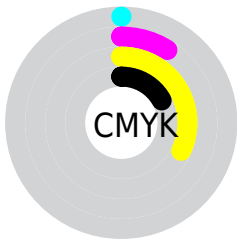
Blue (56%)



Red (67%)

Yellow (83%)

Blue (56%)

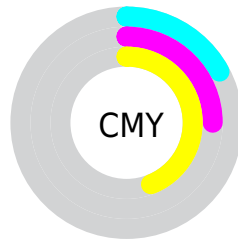


Cyan (0%)

Magenta (9%)

Yellow (32%)

Black (17%)



Cyan (17%)


Magenta (25%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5618, 0.3668, 0.3871 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 53.5618, 0.3668, 0.3871 by changing the saturation by 10% instead.

 53.5618, 0.3668,
0.3871

 53.5618, 0.3668,
0.3871

400.4368, 0.3406,
0.3589

 38.2514, 0.3730,
0.3938


 95.4305, 0.3575,
0.3771

 26.1779, 0.3807,
0.4021


 122.7577, 0.3540,
0.3733

 16.9568, 0.3906,
0.4128


154.8593, 0.3509,
0.3700

 10.2037, 0.4035,
0.4268

192.1196, 0.3483,
0.3672

 5.5342, 0.4209,
0.4457

234.9232, 0.3460,
0.3647

 2.5640, 0.4550,
0.4828

283.6543, 0.3440,

 0.9086, 0.4843,

0.3626

0.5157

338.6974, 0.3422,
0.3607

0.0000, 0.0000,
0.0000

53.5618, 0.3668,
0.3871

53.5618, 0.3668,
0.3871

50.4004, 0.3861,
0.4055

56.9558, 0.3484,
0.3683

47.4563, 0.4058,
0.4225

60.5825, 0.3311,
0.3498

44.7233, 0.4252,
0.4373


64.4514, 0.3153,
0.3320


42.1917, 0.4432,
0.4486


68.5690, 0.3010,
0.3152

39.8509, 0.4591,
0.4557

72.9418, 0.2881,
0.2995


 37.6880, 0.4721,
0.4578

 76.5281, 0.2852,
0.3004

 36.0216, 0.4809,
0.4564

 79.8808, 0.2855,
0.3069

 83.3488, 0.2858,
0.3132

 86.9333, 0.2861,
0.3195

Harmonies

Analogous

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



53.5618, 0.3828, 0.3665



53.5618, 0.3668, 0.3871



53.5618, 0.3366, 0.3925

Triad

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



53.5618, 0.3668, 0.3871



53.5618, 0.2506, 0.3138



53.5618, 0.3215, 0.2861

Complementary

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



53.5618, 0.3668, 0.3871



36.8412, 0.2597, 0.2631

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.



53.5618, 0.2863, 0.2727



53.5618, 0.3668, 0.3871



53.5618, 0.2470, 0.2865

Square

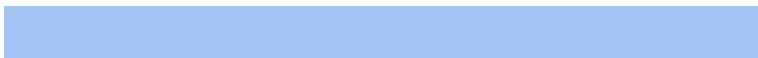
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.5618, 0.3668, 0.3871



53.5618, 0.2699, 0.3481



53.5618, 0.2597, 0.2724



53.5618, 0.3560, 0.3095

Rectangle

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



53.5618, 0.3668, 0.3871



53.5618, 0.3129, 0.3851



53.5618, 0.2597, 0.2724



53.5618, 0.3093, 0.2804

Sweetspot

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



53.5642, 0.3668, 0.3871



93.9327, 0.3284, 0.3468



36.4860, 0.3631, 0.3041



19.9295, 0.3308, 0.3494



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.



53.5642, 0.3668, 0.3871



78.9384, 0.3796, 0.3994



60.5680, 0.3494, 0.4108



13.2067, 0.3273, 0.3456



21.9158, 0.4797, 0.4573



1.3567, 0.4662, 0.4681

Inverse Universe

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



36.8412, 0.2597, 0.2631



49.4532, 0.2474, 0.2465



31.8633, 0.2676, 0.2387



11.9565, 0.2982, 0.3119



4.9344, 0.1603, 0.0971



0.4117, 0.1706, 0.1343

Previews

White Background



This preview shows how the Yxy color 53.5618, 0.3668, 0.3871 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 53.5618, 0.3668, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

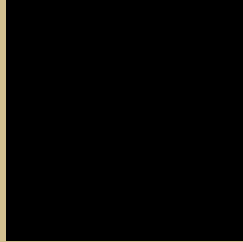
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5618, 0.3668, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 53.5618, 0.3668, 0.3871.



This preview shows how white text looks on a background with the Yxy color 53.5618, 0.3668, 0.3871.

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

53.5618, 0.3668, 0.3871

Protanopia

53.4497, 0.3621, 0.3878

Deuteranopia

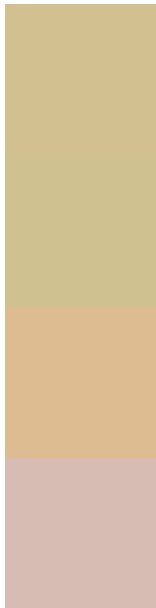
53.6561, 0.3834, 0.3763



Tritanopia

53.5732, 0.3286, 0.3128

Trichromacy



Original Color

53.5618, 0.3668, 0.3871

Protanomaly

53.5942, 0.3630, 0.3876

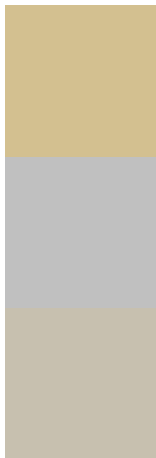
Deuteranomaly

53.5404, 0.3772, 0.3795

Tritanomaly

53.6682, 0.3428, 0.3397

Monochromacy



Original Color

53.5618, 0.3668, 0.3871

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9365, 0.3316, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5618, 0.3668, 0.3871 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(211, 192, 144)` looks like.

```
.text, #text, p{  
    color:rgb(211, 192, 144)  
}
```

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(211, 192, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 192, 144) }
```

Border

The CSS property to change the border of an element to Yxy 53.5618, 0.3668, 0.3871 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(211, 192, 144) }
```

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

```
.border{ border-color:rgb(211, 192, 144) }
```

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

Here you see how a box with a 4 pixel rgb(211, 192, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 192, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 192, 144);  
box-shadow:4px 4px 4px 4px rgb(211, 192,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5618, 0.3668, 0.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 192, 144) }
```

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

```
.background{ background-color: rgb(211,  
192, 144) }
```

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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