

Converting Colors

Yxy(55.1968, 0.3630, 0.3855)

Have a look what the booklet for
Yxy(55.1968, 0.3630, 0.3855)
contains.

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Color

Yxy(55.1654, 0.3635, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	D4C394
RGB	212, 195, 148
RGB Percent	83%, 76%, 58%
CMY	0.1685, 0.2353, 0.4196
CMYK	0.00, 0.08, 0.30, 0.17
HSL	44°, 43%, 71%
HSV	44°, 30%, 83%
XYZ	52.0172, 55.1654, 35.9183
YIQ	194.7250, 25.2190, -11.0130

Conversions

Conversions Part 2

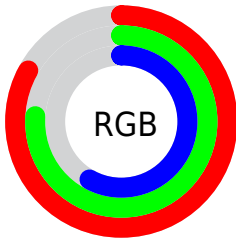
Format	Color
R _Y B	171, 212, 148
Decimal	13943700
CIE Lab	79.14, -1.09, 25.84
CIE LCh	79, 25.859, 92.409
Yxy	55.1654, 0.3635, 0.3855
Android (android.graphics.Color)	4292133780 (0xFFD4C394)
YUV	194.7250, -23.0354, 15.1502
Hunter-Lab	74.2734, -4.9665, 23.3190

Details

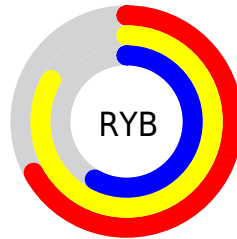
The Yxy color **55.1654, 0.3635, 0.3855** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.9680, 0.2623, 0.2652**, and the grayscale version is **54.5321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5186, 0.3449, 0.3773**, and **27.0809, 0.3771, 0.3991** is the 20% darker color. If you saturate the color by 10%, you get **52.0773, 0.3824, 0.4044**, and if you desaturate by 10%, it is **58.4769, 0.3454, 0.3663**.

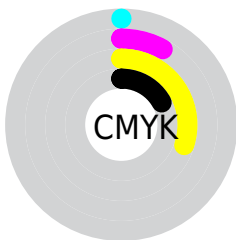
Distribution



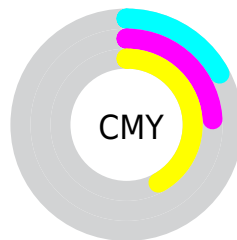
- Red (83%)
- Green (76%)
- Blue (58%)



- Red (67%)
- Yellow (83%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (17%)





- Cyan (17%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1654, 0.3635, 0.3855 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 55.1654, 0.3635, 0.3855 by changing the saturation by 10% instead.


 55.1654, 0.3635,
0.3855

 55.1654, 0.3635,
0.3855


406.5386, 0.3391,
0.3582

 39.5342, 0.3693,
0.3920


 97.7832, 0.3549,
0.3758

 27.1755, 0.3764,
0.4001


 125.5387, 0.3515,
0.3721

 17.7051, 0.3856,
0.4104


158.1042, 0.3487,
0.3689

 10.7385, 0.3976,
0.4241

195.8644, 0.3463,
0.3662

 5.8913, 0.4137,
0.4426

239.2035, 0.3441,
0.3638

 2.7791, 0.4408,
0.4739

288.5060, 0.3422,

 1.0175, 0.4797,

0.3617

0.5203

344.1562, 0.3406,
0.3598

0.0000, 0.0000,
0.0000

55.1654, 0.3635,
0.3855

55.1654, 0.3635,
0.3855

52.0773, 0.3824,
0.4044

58.4769, 0.3454,
0.3663

49.1974, 0.4017,
0.4220

62.0116, 0.3285,
0.3475

46.5197, 0.4205,
0.4375

65.7788, 0.3130,
0.3294


44.0350, 0.4382,
0.4498


69.7848, 0.2989,
0.3123


41.7328, 0.4537,
0.4578

74.0359, 0.2862,
0.2964


 39.6009, 0.4664,
0.4610

 77.1671, 0.2859,
0.3014

 37.6565, 0.4763,
0.4600

 80.3357, 0.2862,
0.3075

 83.6067, 0.2864,
0.3135

 86.9808, 0.2867,
0.3194

Harmonies

Analogous

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



55.1654, 0.3796, 0.3664



55.1654, 0.3635, 0.3855



55.1654, 0.3340, 0.3896

Triad

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



55.1654, 0.3635, 0.3855



55.1654, 0.2524, 0.3129



55.1654, 0.3230, 0.2887

Complementary

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



55.1654, 0.3635, 0.3855



37.9680, 0.2623, 0.2652

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.



55.1654, 0.2890, 0.2752



55.1654, 0.3635, 0.3855



55.1654, 0.2498, 0.2872

Square

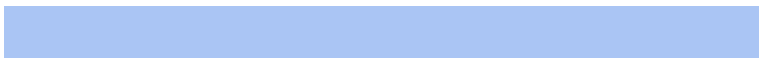
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.1654, 0.3635, 0.3855



55.1654, 0.2703, 0.3457



55.1654, 0.2627, 0.2742



55.1654, 0.3558, 0.3116

Rectangle

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



55.1654, 0.3635, 0.3855



55.1654, 0.3112, 0.3818



55.1654, 0.2627, 0.2742



55.1654, 0.3113, 0.2829

Sweetspot

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



55.1679, 0.3635, 0.3855



94.7762, 0.3268, 0.3454



37.8970, 0.3620, 0.3080



20.1112, 0.3291, 0.3481



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.



55.1679, 0.3635, 0.3855



80.8310, 0.3751, 0.3972



61.1212, 0.3460, 0.4071



13.9351, 0.3273, 0.3460



23.4123, 0.4753, 0.4608



1.5446, 0.4635, 0.4702

Inverse Universe

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



37.9680, 0.2623, 0.2652



50.8301, 0.2509, 0.2496



33.7109, 0.2720, 0.2441



12.5406, 0.2982, 0.3114



4.8451, 0.1592, 0.0930



0.4287, 0.1687, 0.1272

Previews

White Background



This preview shows how the Yxy color 55.1654, 0.3635, 0.3855 looks on a white background.

Color Contrast Check

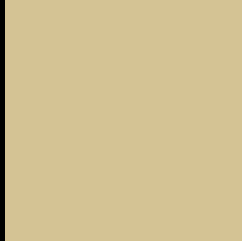
Large Text (above 18pt) WCAG AA × Fail

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 55.1654, 0.3635, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

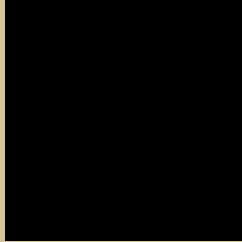
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1654, 0.3635, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 55.1654, 0.3635, 0.3855.



This preview shows how white text looks on a background with the Yxy color 55.1654, 0.3635, 0.3855.

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

55.1654, 0.3635, 0.3855

Protanopia

55.3196, 0.3614, 0.3870

Deuteranopia

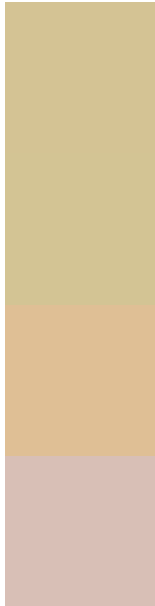
54.9594, 0.3810, 0.3736



Tritanopia

55.1361, 0.3267, 0.3130

Trichromacy



Original Color

55.1654, 0.3635, 0.3855

Protanomaly

55.4669, 0.3623, 0.3868

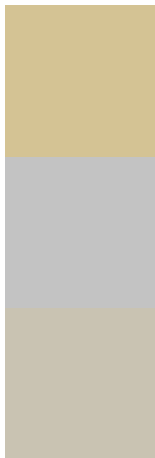
Deuteranomaly

55.1195, 0.3737, 0.3780

Tritanomaly

55.2379, 0.3406, 0.3397

Monochromacy



Original Color

55.1654, 0.3635, 0.3855

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6621, 0.3305, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1654, 0.3635, 0.3855 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(212, 195, 148)` looks like.

```
.text, #text, p{  
    color:rgb(212, 195, 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(212, 195, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 195, 148) }
```

Border

The CSS property to change the border of an element to Yxy 55.1654, 0.3635, 0.3855 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(212, 195, 148) }
```

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

```
.border{ border-color:rgb(212, 195, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 195, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 195, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 195, 148);  
box-shadow:4px 4px 4px 4px rgb(212, 195,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1654, 0.3635, 0.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 195, 148) }
```

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

```
.background{ background-color: rgb(212,  
195, 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](#).

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