

Converting Colors

Yxy(55.2550, 0.3598, 0.3871)

Have a look what the booklet for
Yxy(55.2550, 0.3598, 0.3871)
contains.

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Color

Yxy(55.1733, 0.3605, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	D1C494
RGB	209, 196, 148
RGB Percent	82%, 77%, 58%
CMY	0.1804, 0.2314, 0.4194
CMYK	0.00, 0.06, 0.29, 0.18
HSL	47°, 40%, 70%
HSV	47°, 29%, 82%
XYZ	51.3820, 55.1733, 35.9745
YIQ	194.4150, 23.1560, -12.1720

Conversions

Conversions Part 2

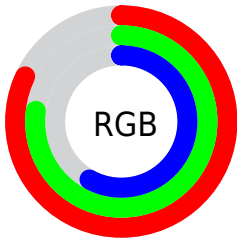
Format	Color
R _Y B	165, 209, 148
Decimal	13747348
CIE Lab	79.14, -2.78, 25.77
CIE LCh	79, 25.922, 96.152
Yxy	55.1733, 0.3605, 0.3871
Android (android.graphics.Color)	4291937428 (0xFFD1C494)
YUV	194.4150, -22.8826, 12.7910
Hunter-Lab	74.2787, -6.5111, 23.2799

Details

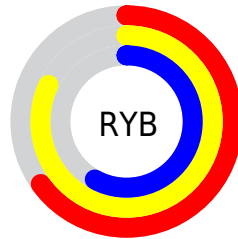
The Yxy color **55.1733, 0.3605, 0.3871** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4058, 0.2638, 0.2632**, and the grayscale version is **54.3384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7748, 0.3446, 0.3792**, and **27.0791, 0.3730, 0.4015** is the 20% darker color. If you saturate the color by 10%, you get **52.5919, 0.3784, 0.4071**, and if you desaturate by 10%, it is **57.9390, 0.3431, 0.3667**.

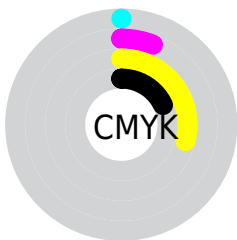
Distribution



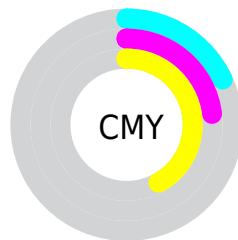
- Red (82%)
- Green (77%)
- Blue (58%)



- Red (65%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (18%)





- Cyan (18%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1733, 0.3605, 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 55.1733, 0.3605, 0.3871 by changing the saturation by 10% instead.


 55.1733, 0.3605,
0.3871


 55.1733, 0.3605,
0.3871


406.5685, 0.3376,
0.3589

 39.5405, 0.3659,
0.3938


 97.7948, 0.3524,
0.3771

 27.1805, 0.3726,
0.4023


 125.5523, 0.3493,
0.3732

 17.7088, 0.3811,
0.4131


158.1202, 0.3466,
0.3700

 10.7411, 0.3922,
0.4275

195.8828, 0.3443,
0.3671

 5.8930, 0.4071,
0.4472

239.2245, 0.3423,
0.3647

 2.7801, 0.4321,
0.4806

288.5298, 0.3405,

 1.0181, 0.4679,

0.3625

0.5321

344.1830, 0.3390,
0.3606

0.0000, 0.0000,
0.0000

55.1733, 0.3605,
0.3871

55.1733, 0.3605,
0.3871

52.5919, 0.3784,
0.4071

57.9390, 0.3431,
0.3667

50.1802, 0.3964,
0.4260

60.8878, 0.3267,
0.3467

47.9332, 0.4137,
0.4426

64.0283, 0.3115,
0.3274

45.8427, 0.4297,
0.4561

67.3663, 0.2975,
0.3092

43.8990, 0.4434,
0.4654

70.9072, 0.2848,
0.2923

■ 42.0913, 0.4543,
0.4700

■ 73.4108, 0.2836,
0.2947

■ 40.4015, 0.4626,
0.4704

■ 75.8196, 0.2839,
0.2995

■ 40.2641, 0.4632,
0.4704

■ 78.2916, 0.2842,
0.3043

■ 80.8271, 0.2844,
0.3091

Harmonies

Analogous

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



55.1733, 0.3787, 0.3694



55.1733, 0.3605, 0.3871



55.1733, 0.3299, 0.3890

Triad

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



55.1733, 0.3605, 0.3871



55.1733, 0.2511, 0.3091



55.1733, 0.3274, 0.2910

Complementary

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



55.1733, 0.3605, 0.3871



36.4058, 0.2638, 0.2632

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.



55.1733, 0.2929, 0.2761



55.1733, 0.3605, 0.3871



55.1733, 0.2504, 0.2847

Square

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



55.1733, 0.3605, 0.3871



55.1733, 0.2672, 0.3416



55.1733, 0.2652, 0.2735



55.1733, 0.3594, 0.3149

Rectangle

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



55.1733, 0.3605, 0.3871



55.1733, 0.3069, 0.3796



55.1733, 0.2652, 0.2735



55.1733, 0.3157, 0.2849

Sweetspot

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



55.1758, 0.3605, 0.3871



95.5268, 0.3266, 0.3466



37.3298, 0.3629, 0.3126



20.2969, 0.3290, 0.3495



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.



55.1758, 0.3605, 0.3871



83.9787, 0.3716, 0.3997



58.9110, 0.3424, 0.4049



13.3519, 0.3271, 0.3472



24.9740, 0.4625, 0.4710



1.5058, 0.4530, 0.4785

Inverse Universe

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



36.4058, 0.2638, 0.2632



49.9052, 0.2520, 0.2465



33.8289, 0.2763, 0.2480



11.8204, 0.2982, 0.3102



4.0929, 0.1564, 0.0829



0.3475, 0.1660, 0.1174

Previews

White Background



This preview shows how the Yxy color 55.1733, 0.3605, 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 55.1733, 0.3605, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

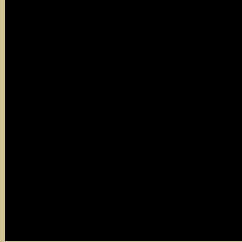
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

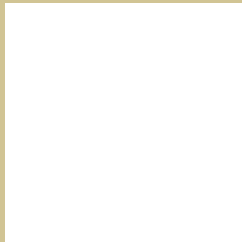
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1733, 0.3605, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 55.1733, 0.3605, 0.3871.

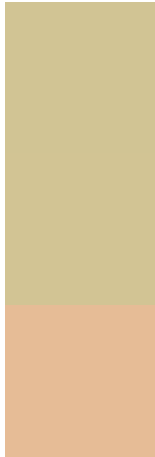


This preview shows how white text looks on a background with the Yxy color 55.1733, 0.3605, 0.3871.

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

55.1733, 0.3605, 0.3871

Protanopia

55.3196, 0.3614, 0.3870

Deuteranopia

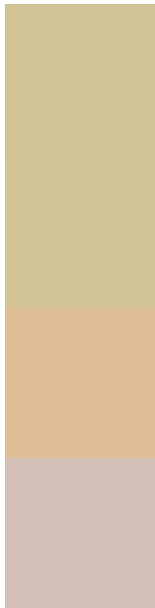
54.9914, 0.3802, 0.3725



Tritanopia

55.3059, 0.3242, 0.3129

Trichromacy



Original Color

55.1733, 0.3605, 0.3871

Protanomaly

55.3196, 0.3614, 0.3870

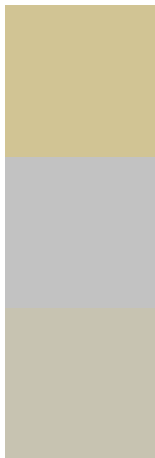
Deuteranomaly

54.9611, 0.3728, 0.3782

Tritanomaly

55.2643, 0.3371, 0.3397

Monochromacy



Original Color

55.1733, 0.3605, 0.3871

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3467, 0.3296, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1733, 0.3605, 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(209, 196, 148)` looks like.

```
.text, #text, p{  
    color:rgb(209, 196, 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(209, 196, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 196, 148) }
```

Border

The CSS property to change the border of an element to Yxy 55.1733, 0.3605, 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(209, 196, 148) }
```

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

```
.border{ border-color:rgb(209, 196, 148) }
```

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

Here you see how a box with a 4 pixel rgb(209, 196, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 196, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 196, 148);  
box-shadow:4px 4px 4px 4px rgb(209, 196,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1733, 0.3605, 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(209, 196, 148) }
```

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

```
.background{ background-color: rgb(209,  
196, 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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