

Converting Colors

Yxy(55.9525, 0.3753, 0.4038)

Have a look what the booklet for
Yxy(55.9525, 0.3753, 0.4038)
contains.

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Color

Yxy(55.9499, 0.3753, 0.4038)

Conversions

Conversions Part 1

Format	Color
Hex	D6C586
RGB	214, 197, 134
RGB Percent	84%, 77%, 53%
CMY	0.1608, 0.2274, 0.4746
CMYK	0.00, 0.08, 0.37, 0.16
HSL	47°, 49%, 68%
HSV	47°, 37%, 84%
XYZ	52.0010, 55.9499, 30.6076
YIQ	194.9010, 30.3550, -15.9890

Conversions

Conversions Part 2

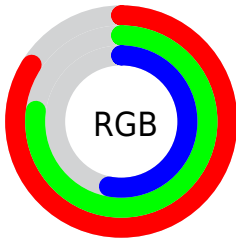
Format	Color
R_{YB}	156, 214, 134
Decimal	14075270
CIE Lab	79.59, -3.06, 33.79
CIE LCh	80, 33.926, 95.182
Yxy	55.9499, 0.3753, 0.4038
Android (android.graphics.Color)	4292265350 (0xFFD6C586)
YUV	194.9010, -30.0242, 16.7498
Hunter-Lab	74.7997, -6.8056, 28.0987

Details

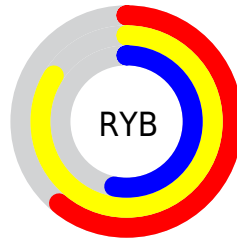
The Yxy color **55.9499, 0.3753, 0.4038** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.0514, 0.2481, 0.2407**, and the grayscale version is **54.6808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7745, 0.3528, 0.3940**, and **27.5386, 0.3910, 0.4225** is the 20% darker color. If you saturate the color by 10%, you get **53.3808, 0.3933, 0.4230**, and if you desaturate by 10%, it is **58.7073, 0.3574, 0.3836**.

Distribution



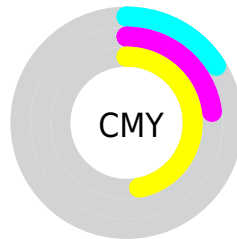
- Red (84%)
- Green (77%)
- Blue (53%)



- Red (61%)
- Yellow (84%)
- Blue (53%)



- Cyan (0%)
- Magenta (8%)
- Yellow (37%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9499, 0.3753, 0.4038 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 55.9499, 0.3753, 0.4038 by changing the saturation by 10% instead.


 55.9499, 0.3753,
0.4038


 55.9499, 0.3753,
0.4038


409.5027, 0.3456,
0.3678

 40.1628, 0.3821,
0.4122


 98.9313, 0.3649,
0.3911

 27.6655, 0.3904,
0.4226


 126.8944, 0.3609,
0.3863

 18.0736, 0.4008,
0.4357


 159.6849, 0.3575,
0.3821

 11.0029, 0.4138,
0.4525

197.6872, 0.3545,
0.3785

 6.0688, 0.4300,
0.4743

241.2858, 0.3518,
0.3753

 2.8869, 0.4722,
0.5278

290.8649, 0.3495,

 1.0730, 0.4662,

0.3725

0.5338

346.8091, 0.3475,
0.3700

0.0000, 0.0000,
0.0000

55.9499, 0.3753,
0.4038

55.9499, 0.3753,
0.4038

53.3808, 0.3933,
0.4230

58.7073, 0.3574,
0.3836

50.9843, 0.4108,
0.4401

61.6524, 0.3402,
0.3632

48.7544, 0.4270,
0.4542

64.7947, 0.3240,
0.3432

46.6813, 0.4412,
0.4643

68.1404, 0.3089,
0.3241

44.7536, 0.4526,
0.4697

71.6955, 0.2951,
0.3061

■ 42.9561, 0.4611,
0.4706

■ 74.9806, 0.2869,
0.2967

■ 42.5020, 0.4631,
0.4705

■ 77.4612, 0.2871,
0.3015

■ 80.0078, 0.2873,
0.3064

■ 82.6208, 0.2875,
0.3112

Harmonies

Analogous

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



55.9499, 0.3990, 0.3791



55.9499, 0.3753, 0.4038



55.9499, 0.3356, 0.4085

Triad

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



55.9499, 0.3753, 0.4038



55.9499, 0.2340, 0.3035



55.9499, 0.3299, 0.2796

Complementary

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



55.9499, 0.3753, 0.4038



32.0514, 0.2481, 0.2407

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.



55.9499, 0.2853, 0.2612



55.9499, 0.3753, 0.4038



55.9499, 0.2327, 0.2721

Square

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



55.9499, 0.3753, 0.4038



55.9499, 0.2548, 0.3465



55.9499, 0.2507, 0.2579



55.9499, 0.3724, 0.3093

Rectangle

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



55.9499, 0.3753, 0.4038



55.9499, 0.3059, 0.3970



55.9499, 0.2507, 0.2579



55.9499, 0.3146, 0.2720

Sweetspot

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



55.9525, 0.3753, 0.4038



94.5800, 0.3299, 0.3506



33.5884, 0.3836, 0.3077



20.1065, 0.3321, 0.3533



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.



55.9525, 0.3753, 0.4038



80.1013, 0.3898, 0.4194



60.9357, 0.3502, 0.4275



14.0512, 0.3272, 0.3472



25.8448, 0.4623, 0.4711



1.6733, 0.4535, 0.4781

Inverse Universe

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



32.0514, 0.2481, 0.2407



39.5934, 0.2325, 0.2177



29.0358, 0.2635, 0.2217



12.4320, 0.2982, 0.3101



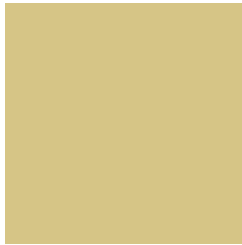
4.2143, 0.1563, 0.0826



0.3769, 0.1652, 0.1148

Previews

White Background



This preview shows how the Yxy color 55.9499, 0.3753, 0.4038 looks on a white background.

Color Contrast Check

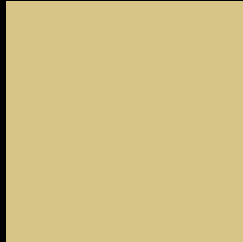
Large Text (above 18pt) WCAG AA × Fail

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 55.9499, 0.3753, 0.4038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

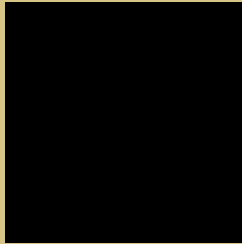
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9499, 0.3753, 0.4038

Background



This preview shows how black text looks on a background with the Yxy color 55.9499, 0.3753, 0.4038.



This preview shows how white text looks on a background with the Yxy color 55.9499, 0.3753, 0.4038.

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

55.9499, 0.3753, 0.4038

Protanopia

55.9499, 0.3753, 0.4038

Deuteranopia

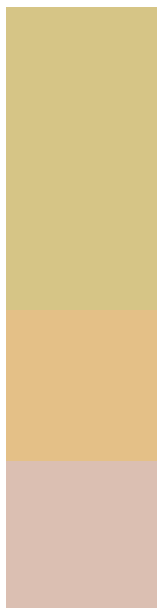
56.0056, 0.3966, 0.3881



Tritanopia

55.8078, 0.3292, 0.3120

Trichromacy



Original Color

55.9499, 0.3753, 0.4038

Protanomaly

55.9499, 0.3753, 0.4038

Deuteranomaly

55.9425, 0.3889, 0.3940

Tritanomaly

55.5360, 0.3464, 0.3443

Monochromacy



Original Color

55.9499, 0.3753, 0.4038

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.0535, 0.3350, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9499, 0.3753, 0.4038 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(214, 197, 134)` looks like.

```
.text, #text, p{  
    color:rgb(214, 197, 134)  
}
```

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(214, 197, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 197, 134) }
```

Border

The CSS property to change the border of an element to Yxy 55.9499, 0.3753, 0.4038 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(214, 197, 134) }
```

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

```
.border{ border-color:rgb(214, 197, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 197, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 197, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 197, 134);  
box-shadow:4px 4px 4px 4px rgb(214, 197,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9499, 0.3753, 0.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 197, 134) }
```

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

```
.background{ background-color: rgb(214,  
197, 134) }
```

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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