

Converting Colors

Yxy(53.8477, 0.3622, 0.3961)

Have a look what the booklet for
Yxy(53.8477, 0.3622, 0.3961)
contains.

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Color

Yxy(53.7907, 0.3619, 0.3955)

Conversions

Conversions Part 1

Format	Color
Hex	CCC38D
RGB	204, 195, 141
RGB Percent	80%, 76%, 55%
CMY	0.2001, 0.2352, 0.4470
CMYK	0.00, 0.04, 0.31, 0.20
HSL	51°, 38%, 68%
HSV	51°, 31%, 80%
XYZ	49.2209, 53.7907, 32.9953
YIQ	191.5350, 22.6980, -14.8860

Conversions

Conversions Part 2

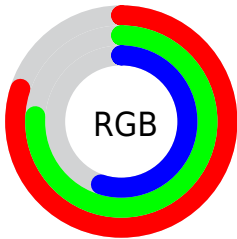
Format	Color
RYB	152, 204, 141
Decimal	13419405
CIELab	78.34, -5.12, 28.32
CIELCh	78, 28.776, 100.241
Yxy	53.7907, 0.3619, 0.3955
Android (android.graphics.Color)	4291609485 (0xFFCCC38D)
YUV	191.5350, -24.9138, 10.9318
Hunter-Lab	73.3421, -8.5551, 24.6660

Details

The Yxy color **53.7907, 0.3619, 0.3955** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.8310, 0.2599, 0.2523**, and the grayscale version is **52.5655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1945, 0.3492, 0.3843**, and **26.1775, 0.3747, 0.4128** is the 20% darker color. If you saturate the color by 10%, you get **51.9516, 0.3786, 0.4168**, and if you desaturate by 10%, it is **55.7718, 0.3453, 0.3736**.

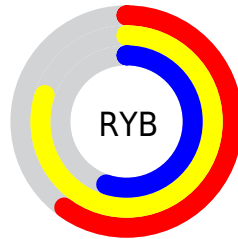
Distribution



Red (80%)

Green (76%)

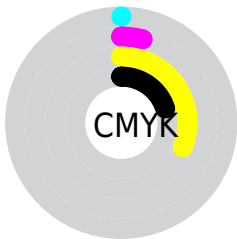
Blue (55%)



Red (60%)

Yellow (80%)

Blue (55%)

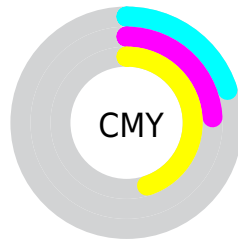


Cyan (0%)

Magenta (4%)

Yellow (31%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7907, 0.3619, 0.3955 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 53.7907, 0.3619, 0.3955 by changing the saturation by 10% instead.


 53.7907, 0.3619,
0.3955


 53.7907, 0.3619,
0.3955

401.3114, 0.3384,
0.3630

 38.4344, 0.3674,
0.4033


 95.7669, 0.3536,
0.3839

 26.3200, 0.3742,
0.4131


 123.1555, 0.3504,
0.3795

 17.0632, 0.3827,
0.4258


 155.3236, 0.3477,
0.3757

 10.2795, 0.3937,
0.4426

192.6557, 0.3453,
0.3724

 5.5847, 0.4079,
0.4656

235.5362, 0.3433,
0.3696

 2.5942, 0.4399,
0.5143

284.3493, 0.3414,

 0.9238, 0.4490,

0.3671

0.5510

339.4796, 0.3398,
0.3649

0.0000, 0.0000,
0.0000

53.7907, 0.3619,
0.3955

53.7907, 0.3619,
0.3955

51.9516, 0.3786,
0.4168

55.7718, 0.3453,
0.3736

50.2410, 0.3948,
0.4365

57.8934, 0.3292,
0.3519

48.6543, 0.4099,
0.4537

60.1634, 0.3140,
0.3308

47.1840, 0.4231,
0.4674

62.5870, 0.2998,
0.3107

45.8213, 0.4339,
0.4769

65.1688, 0.2868,
0.2920

■ 44.5558, 0.4418,
0.4819

■ 67.3603, 0.2798,
0.2830

■ 43.4674, 0.4470,
0.4832

■ 68.8295, 0.2800,
0.2862

■ 70.3249, 0.2802,
0.2894

■ 71.8468, 0.2804,
0.2926

Harmonies

Analogous

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



53.7907, 0.3849, 0.3772



53.7907, 0.3619, 0.3955



53.7907, 0.3264, 0.3952

Triad

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



53.7907, 0.3619, 0.3955



53.7907, 0.2430, 0.3020



53.7907, 0.3343, 0.2899

Complementary

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



53.7907, 0.3619, 0.3955



31.8310, 0.2599, 0.2523

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.



53.7907, 0.2954, 0.2718



53.7907, 0.3619, 0.3955



53.7907, 0.2447, 0.2768

Square

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



53.7907, 0.3619, 0.3955



53.7907, 0.2586, 0.3378



53.7907, 0.2632, 0.2667



53.7907, 0.3690, 0.3172

Rectangle

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



53.7907, 0.3619, 0.3955



53.7907, 0.3008, 0.3828



53.7907, 0.2632, 0.2667



53.7907, 0.3212, 0.2826

Sweetspot

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



53.7931, 0.3619, 0.3955



96.5417, 0.3265, 0.3481



34.1069, 0.3714, 0.3170



20.5484, 0.3288, 0.3513



0.0000, 0.0000, 0.0000



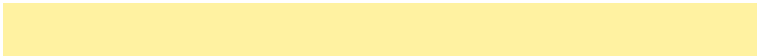
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.7931, 0.3619, 0.3955



87.0668, 0.3730, 0.4097



55.0359, 0.3405, 0.4103



12.8137, 0.3269, 0.3487



27.4704, 0.4466, 0.4836



1.4937, 0.4405, 0.4885

Inverse Universe

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



31.8310, 0.2599, 0.2523



45.0655, 0.2470, 0.2327



31.2068, 0.2776, 0.2438



11.0974, 0.2982, 0.3085



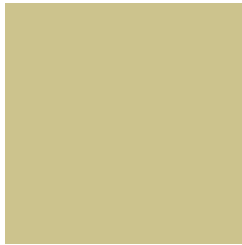
3.3809, 0.1534, 0.0723



0.2598, 0.1616, 0.1016

Previews

White Background



This preview shows how the Yxy color 53.7907, 0.3619, 0.3955 looks on a white background.

Color Contrast Check

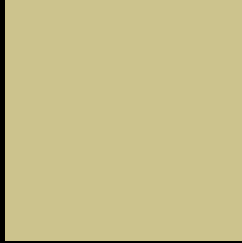
Large Text (above 18pt) WCAG AA × Fail

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 53.7907, 0.3619, 0.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

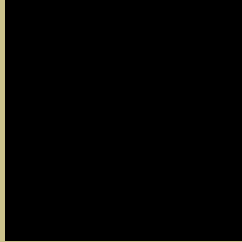
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7907, 0.3619, 0.3955

Background



This preview shows how black text looks on a background with the Yxy color 53.7907, 0.3619, 0.3955.



This preview shows how white text looks on a background with the Yxy color 53.7907, 0.3619, 0.3955.

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

53.7907, 0.3619, 0.3955

Protanopia

53.8869, 0.3666, 0.3948

Deuteranopia

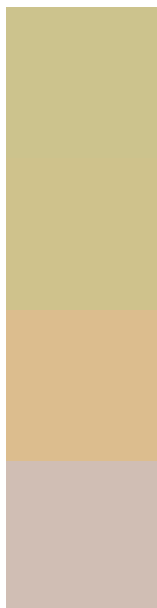
53.7590, 0.3860, 0.3784



Tritanopia

53.6538, 0.3210, 0.3115

Trichromacy



Original Color

53.7907, 0.3619, 0.3955

Protanomaly

53.7424, 0.3657, 0.3950

Deuteranomaly

53.5638, 0.3775, 0.3845

Tritanomaly

53.5321, 0.3356, 0.3411

Monochromacy



Original Color

53.7907, 0.3619, 0.3955

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8928, 0.3305, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7907, 0.3619, 0.3955 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(204, 195, 141)` looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 141)  
}
```

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(204, 195, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 141) }
```

Border

The CSS property to change the border of an element to Yxy 53.7907, 0.3619, 0.3955 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(204, 195, 141) }
```

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

```
.border{ border-color:rgb(204, 195, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 141);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7907, 0.3619, 0.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 141) }
```

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

```
.background{ background-color: rgb(204,  
195, 141) }
```

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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