

Converting Colors

Yxy(54.9284, 0.3859, 0.4234)

Have a look what the booklet for
Yxy(54.9284, 0.3859, 0.4234)
contains.

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Color

Yxy(55.0657, 0.3851, 0.4238)

Conversions

Conversions Part 1

Format	Color
Hex	D3C575
RGB	211, 197, 117
RGB Percent	83%, 77%, 46%
CMY	0.1726, 0.2274, 0.5411
CMYK	0.00, 0.07, 0.45, 0.17
HSL	51°, 52%, 64%
HSV	51°, 45%, 83%
XYZ	50.0373, 55.0657, 24.8302
YIQ	192.0660, 34.0240, -21.9120

Conversions

Conversions Part 2

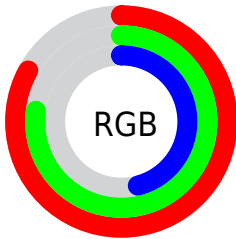
Format	Color
RYB	133, 211, 117
Decimal	13878645
CIELab	79.08, -6.10, 41.74
CIELCh	79, 42.182, 98.309
Yxy	55.0657, 0.3851, 0.4238
Android (android.graphics.Color)	4292068725 (0xFFD3C575)
YUV	192.0660, -37.0075, 16.6051
Hunter-Lab	74.2063, -9.4984, 32.1053

Details

The Yxy color **55.0657, 0.3851, 0.4238** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.7174, 0.2328, 0.2115**, and the grayscale version is **52.9594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0459, 0.3635, 0.4116**, and **27.0068, 0.4026, 0.4470** is the 20% darker color. If you saturate the color by 10%, you get **53.2170, 0.4012, 0.4426**, and if you desaturate by 10%, it is **57.0610, 0.3683, 0.4031**.

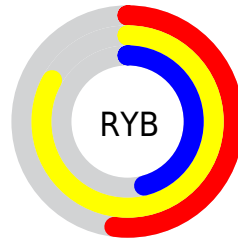
Distribution



Red (83%)

Green (77%)

Blue (46%)



Red (52%)

Yellow (83%)

Blue (46%)

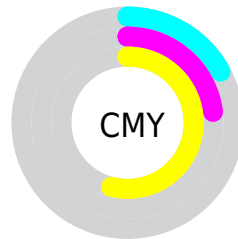


Cyan (0%)

Magenta (7%)

Yellow (45%)

Black (17%)



Cyan (17%)


Magenta (23%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0657, 0.3851, 0.4238 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 55.0657, 0.3851, 0.4238 by changing the saturation by 10% instead.


 55.0657, 0.3851,
0.4238


 55.0657, 0.3851,
0.4238


406.1609, 0.3513,
0.3782


 39.4543, 0.3925,
0.4343


 97.6372, 0.3735,
0.4078

 27.1133, 0.4014,
0.4471


 125.3661, 0.3690,
0.4017

 17.6584, 0.4121,
0.4631

 157.9030, 0.3650,
0.3964

 10.7050, 0.4245,
0.4829

195.6323, 0.3616,
0.3918

 5.8688, 0.4399,
0.5092

238.9383, 0.3585,
0.3877

 2.7655, 0.4565,
0.5435

288.2055, 0.3559,

 1.0106, 0.4439,

0.3842

0.5561

343.8182, 0.3535,
0.3810

0.0000, 0.0000,
0.0000

55.0657, 0.3851,
0.4238

55.0657, 0.3851,
0.4238

53.2170, 0.4012,
0.4426

57.0610, 0.3683,
0.4031

51.4994, 0.4158,
0.4586

59.2023, 0.3515,
0.3814

49.9067, 0.4284,
0.4707

61.4987, 0.3351,
0.3596

48.4289, 0.4383,
0.4785

63.9561, 0.3195,
0.3384

47.0538, 0.4454,
0.4817

66.5804, 0.3049,
0.3180

■ 46.3331, 0.4485,
0.4821

■ 69.3769, 0.2914,
0.2989

■ 71.7090, 0.2847,
0.2907

■ 73.3604, 0.2849,
0.2941

■ 75.0427, 0.2850,
0.2975

Harmonies

Analogous

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



55.0657, 0.4181, 0.3933



55.0657, 0.3851, 0.4238



55.0657, 0.3342, 0.4286

Triad

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



55.0657, 0.3851, 0.4238



55.0657, 0.2149, 0.2911



55.0657, 0.3397, 0.2717

Complementary

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



55.0657, 0.3851, 0.4238



24.7174, 0.2328, 0.2115

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.



55.0657, 0.2836, 0.2478



55.0657, 0.3851, 0.4238



55.0657, 0.2160, 0.2553

Square

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



55.0657, 0.3851, 0.4238



55.0657, 0.2372, 0.3444



55.0657, 0.2398, 0.2413



55.0657, 0.3920, 0.3083

Rectangle

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



55.0657, 0.3851, 0.4238



55.0657, 0.2976, 0.4122



55.0657, 0.2398, 0.2413



55.0657, 0.3205, 0.2621

Sweetspot

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



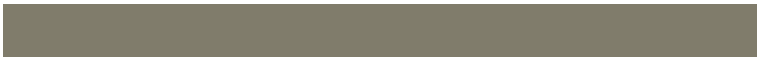
55.0682, 0.3851, 0.4238



94.9423, 0.3329, 0.3566



28.2173, 0.4123, 0.3117



20.1470, 0.3364, 0.3615



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.



55.0682, 0.3851, 0.4238



81.9785, 0.3997, 0.4410



57.3377, 0.3513, 0.4488



13.4856, 0.3270, 0.3486



28.0882, 0.4480, 0.4825



1.6539, 0.4419, 0.4873

Inverse Universe

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



24.7174, 0.2328, 0.2115



29.9405, 0.2148, 0.1830



23.9076, 0.2574, 0.2006



11.6972, 0.2982, 0.3086



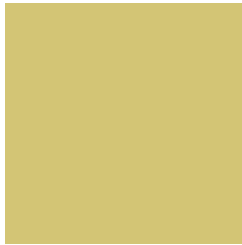
3.5343, 0.1536, 0.0729



0.2904, 0.1615, 0.1014

Previews

White Background



This preview shows how the Yxy color 55.0657, 0.3851, 0.4238 looks on a white background.

Color Contrast Check

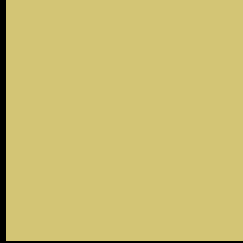
Large Text (above 18pt) WCAG AA × Fail

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 55.0657, 0.3851, 0.4238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

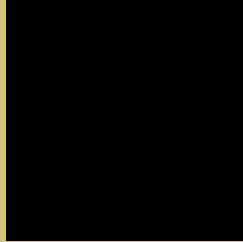
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0657, 0.3851, 0.4238

Background



This preview shows how black text looks on a background with the Yxy color 55.0657, 0.3851, 0.4238.



This preview shows how white text looks on a background with the Yxy color 55.0657, 0.3851, 0.4238.

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

55.0657, 0.3851, 0.4238

Protanopia

55.0604, 0.3883, 0.4218

Deuteranopia

54.8771, 0.4120, 0.4035



Tritanopia

55.0206, 0.3285, 0.3119

Trichromacy



Original Color

55.0657, 0.3851, 0.4238

Protanomaly

54.9103, 0.3874, 0.4221

Deuteranomaly

55.0636, 0.4025, 0.4113

Tritanomaly

54.9536, 0.3504, 0.3527

Monochromacy



Original Color

55.0657, 0.3851, 0.4238

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4423, 0.3391, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0657, 0.3851, 0.4238 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, 197, 117)` looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 117)  
}
```

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, 197, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 117) }
```

Border

The CSS property to change the border of an element to Yxy 55.0657, 0.3851, 0.4238 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, 197, 117) }
```

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

```
.border{ border-color:rgb(211, 197, 117) }
```

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

Here you see how a box with a 4 pixel rgb(211, 197, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 117);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0657, 0.3851, 0.4238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 117) }
```

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

```
.background{ background-color: rgb(211,  
197, 117) }
```

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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