

Converting Colors

Yxy(55.0138, 0.3897, 0.4240)

Have a look what the booklet for
Yxy(55.0138, 0.3897, 0.4240)
contains.

Yxy(55.0138, 0.3897, 0.4240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.0138, 0.3897, 0.4240)

Conversions

Conversions Part 1

Format	Color
Hex	D6C473
RGB	214, 196, 115
RGB Percent	84%, 77%, 45%
CMY	0.1608, 0.2313, 0.5490
CMYK	0.00, 0.08, 0.46, 0.16
HSL	49°, 55%, 65%
HSV	49°, 46%, 84%
XYZ	50.5634, 55.0138, 24.1723
YIQ	192.1480, 36.7290, -21.3750

Conversions

Conversions Part 2

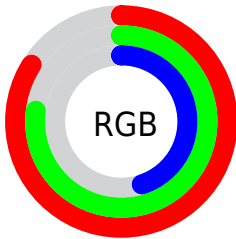
Format	Color
RYB	137, 214, 115
Decimal	14074995
CIELab	79.05, -4.56, 42.78
CIElCh	79, 43.019, 96.081
Yxy	55.0138, 0.3897, 0.4240
Android (android.graphics.Color)	4292265075 (0xFFD6C473)
YUV	192.1480, -38.0340, 19.1642
Hunter-Lab	74.1713, -8.1143, 32.5974

Details

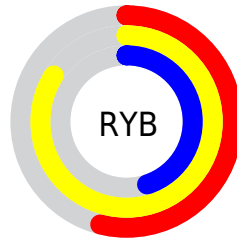
The Yxy color **55.0138, 0.3897, 0.4240** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.2682, 0.2301, 0.2108**, and the grayscale version is **53.0142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7080, 0.3652, 0.4118**, and **27.1832, 0.4066, 0.4483** is the 20% darker color. If you saturate the color by 10%, you get **52.8487, 0.4064, 0.4419**, and if you desaturate by 10%, it is **57.3438, 0.3723, 0.4041**.

Distribution



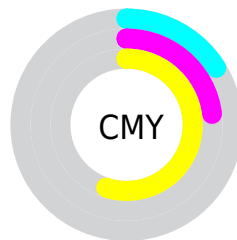
- Red (84%)
- Green (77%)
- Blue (45%)



- Red (54%)
- Yellow (84%)
- Blue (45%)



- Cyan (0%)
- Magenta (8%)
- Yellow (46%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0138, 0.3897, 0.4240 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 55.0138, 0.3897, 0.4240 by changing the saturation by 10% instead.


 55.0138, 0.3897,
0.4240

 55.0138, 0.3897,
0.4240


405.9642, 0.3537,
0.3786


 39.4128, 0.3976,
0.4343

 97.5612, 0.3774,
0.4082

 27.0810, 0.4071,
0.4469


 125.2763, 0.3725,
0.4020

 17.6341, 0.4184,
0.4624


 157.7983, 0.3683,
0.3967

 10.6876, 0.4317,
0.4814

195.5114, 0.3646,
0.3921

 5.8572, 0.4488,
0.5070

238.8002, 0.3614,
0.3881

 2.7584, 0.4644,
0.5356

288.0490, 0.3586,

 1.0070, 0.4551,

0.3846

0.5449

343.6422, 0.3560,
0.3814

0.0000, 0.0000,
0.0000

55.0138, 0.3897,
0.4240

55.0138, 0.3897,
0.4240

52.8487, 0.4064,
0.4419

57.3438, 0.3723,
0.4041

50.8325, 0.4218,
0.4568

59.8385, 0.3549,
0.3832

48.9582, 0.4351,
0.4678

62.5076, 0.3381,
0.3621

47.2150, 0.4457,
0.4743

65.3576, 0.3222,
0.3415

45.5893, 0.4534,
0.4762

68.3944, 0.3073,
0.3217

■ 45.0022, 0.4559,
0.4762

■ 71.6240, 0.2936,
0.3031

■ 74.4050, 0.2868,
0.2955

■ 76.5084, 0.2870,
0.2997

■ 78.6598, 0.2872,
0.3038

Harmonies

Analogous

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



55.0138, 0.4215, 0.3914



55.0138, 0.3897, 0.4240



55.0138, 0.3387, 0.4315

Triad

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



55.0138, 0.3897, 0.4240



55.0138, 0.2140, 0.2937



55.0138, 0.3358, 0.2684

Complementary

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



55.0138, 0.3897, 0.4240



25.2682, 0.2301, 0.2108

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.



55.0138, 0.2791, 0.2453



55.0138, 0.3897, 0.4240



55.0138, 0.2133, 0.2558

Square

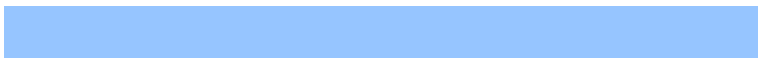
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.0138, 0.3897, 0.4240



55.0138, 0.2383, 0.3490



55.0138, 0.2359, 0.2400



55.0138, 0.3903, 0.3048

Rectangle

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



55.0138, 0.3897, 0.4240



55.0138, 0.3013, 0.4167



55.0138, 0.2359, 0.2400



55.0138, 0.3162, 0.2589

Sweetspot

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



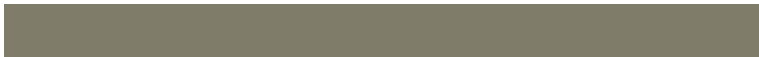
55.0164, 0.3897, 0.4240



93.8428, 0.3346, 0.3577



28.2531, 0.4140, 0.3070



19.8936, 0.3382, 0.3623



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.



55.0164, 0.3897, 0.4240



78.5084, 0.4069, 0.4424



59.3485, 0.3552, 0.4525



14.1184, 0.3271, 0.3479



27.3445, 0.4553, 0.4767



1.7515, 0.4480, 0.4825

Inverse Universe

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



25.2682, 0.2301, 0.2108



28.8939, 0.2101, 0.1793



23.2584, 0.2516, 0.1939



12.3699, 0.2982, 0.3093



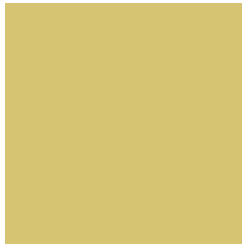
3.9161, 0.1549, 0.0775



0.3479, 0.1632, 0.1076

Previews

White Background



This preview shows how the Yxy color 55.0138, 0.3897, 0.4240 looks on a white background.

Color Contrast Check

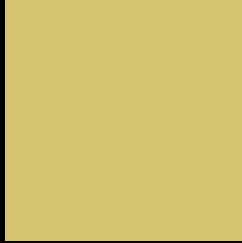
Large Text (above 18pt) WCAG AA × Fail

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 55.0138, 0.3897, 0.4240 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 55.0138, 0.3897, 0.4240

Background



This preview shows how black text looks on a background with the Yxy color 55.0138, 0.3897, 0.4240.



This preview shows how white text looks on a background with the Yxy color 55.0138, 0.3897, 0.4240.

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

55.0138, 0.3897, 0.4240

Protanopia

55.0138, 0.3897, 0.4240

Deuteranopia

55.0021, 0.4144, 0.4052



Tritanopia

54.9759, 0.3327, 0.3131

Trichromacy



Original Color

55.0138, 0.3897, 0.4240

Protanomaly

55.0138, 0.3897, 0.4240

Deuteranomaly

54.7459, 0.4055, 0.4120

Tritanomaly

54.9071, 0.3549, 0.3537

Monochromacy



Original Color

55.0138, 0.3897, 0.4240

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.0996, 0.3409, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0138, 0.3897, 0.4240 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, 196, 115)` looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 115)  
}
```

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, 196, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 115) }
```

Border

The CSS property to change the border of an element to Yxy 55.0138, 0.3897, 0.4240 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, 196, 115) }
```

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

```
.border{ border-color:rgb(214, 196, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 115);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0138, 0.3897, 0.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 115) }
```

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

```
.background{ background-color: rgb(214,  
196, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor