

Converting Colors

$Yxy(55.6095, 0.4015, 0.4868)$

Have a look what the booklet for
Yxy(55.6095, 0.4015, 0.4868)
contains.

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Color

Yxy(55.5284, 0.4012, 0.4872)

Conversions

Conversions Part 1

Format	Color
Hex	C6CC3D
RGB	198, 204, 61
RGB Percent	78%, 80%, 24%
CMY	0.2235, 0.2000, 0.7609
CMYK	0.03, 0.00, 0.70, 0.20
HSL	63°, 58%, 52%
HSV	63°, 70%, 80%
XYZ	45.7266, 55.5284, 12.7196
YIQ	185.9040, 42.3270, -45.7450

Conversions

Conversions Part 2

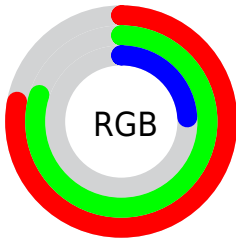
Format	Color
RYB	61, 204, 67
Decimal	13028413
CIELab	79.34, -19.18, 66.62
CIElCh	79, 69.326, 106.065
Yxy	55.5284, 0.4012, 0.4872
Android (android.graphics.Color)	4291218493 (0xFFC6CC3D)
YUV	185.9040, -61.5777, 10.6082
Hunter-Lab	74.5174, -20.8713, 42.0418

Details

The Yxy color **55.5284, 0.4012, 0.4872** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **8.8873, 0.1818, 0.1086**, and the grayscale version is **49.3815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0644, 0.3912, 0.4588**, and **27.4754, 0.4091, 0.5134** is the 20% darker color. If you saturate the color by 10%, you get **55.2357, 0.4072, 0.4993**, and if you desaturate by 10%, it is **55.9104, 0.3926, 0.4710**.

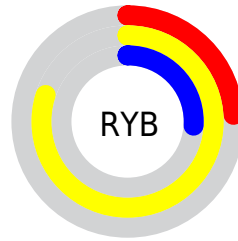
Distribution



Red (78%)

Green (80%)

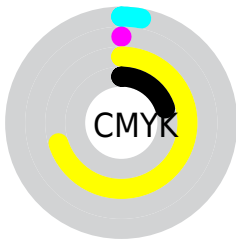
Blue (24%)



Red (24%)

Yellow (80%)

Blue (26%)

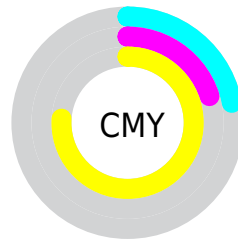


Cyan (3%)

Magenta (0%)

Yellow (70%)

Black (20%)



Cyan (22%)


Magenta (20%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5284, 0.4012, 0.4872 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 55.5284, 0.4012, 0.4872 by changing the saturation by 10% instead.


 55.5284, 0.4012,
0.4872


 55.5284, 0.4012,
0.4872

407.9118, 0.3646,
0.4126


 39.8249, 0.4072,
0.5031

 98.3147, 0.3902,
0.4619


 27.4021, 0.4129,
0.5215


 126.1664, 0.3853,
0.4518


 17.8754, 0.4172,
0.5424

 158.8362, 0.3809,
0.4431

 10.8606, 0.4231,
0.5724

 196.7086, 0.3770,
0.4354

 5.9732, 0.4108,
0.5892

 240.1679, 0.3734,
0.4287

 2.8288, 0.3883,
0.6117

289.5987, 0.3702,

 1.0430, 0.3305,

0.4227

0.6695

345.3852, 0.3673,
0.4174

0.0000, 0.0000,
0.0000

55.5284, 0.4012,
0.4872

55.5284, 0.4012,
0.4872

55.2357, 0.4072,
0.4993

55.9104, 0.3926,
0.4710

55.0146, 0.4107,
0.5069

56.3826, 0.3818,
0.4511

54.8503, 0.4120,
0.5111

56.9549, 0.3693,
0.4285

57.6341, 0.3556,
0.4041

58.4263, 0.3413,
0.3789

■ 59.3371, 0.3269,
0.3537

■ 60.3718, 0.3129,
0.3293

■ 61.5353, 0.2994,
0.3060

■ 62.8323, 0.2867,
0.2842

Harmonies

Analogous

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



55.5284, 0.4666, 0.4356



55.5284, 0.4012, 0.4872



55.5284, 0.3175, 0.4926

Triad

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



55.5284, 0.4012, 0.4872



55.5284, 0.1609, 0.2459



55.5284, 0.3789, 0.2530

Complementary

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



55.5284, 0.4012, 0.4872



8.8873, 0.1818, 0.1086

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.



55.5284, 0.2857, 0.2131



55.5284, 0.4012, 0.4872



55.5284, 0.1717, 0.2046

Square

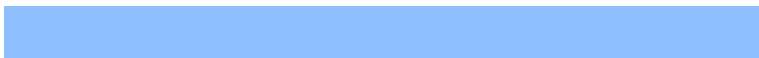
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.5284, 0.4012, 0.4872



55.5284, 0.1818, 0.3252



55.5284, 0.2132, 0.1956



55.5284, 0.4601, 0.3084

Rectangle

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



55.5284, 0.4012, 0.4872



55.5284, 0.2620, 0.4555



55.5284, 0.2132, 0.1956



55.5284, 0.3471, 0.2375

Sweetspot

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



55.5310, 0.4012, 0.4872



96.5957, 0.3430, 0.3818



17.0414, 0.5431, 0.3344



20.5941, 0.3470, 0.3889



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.



55.5310, 0.4012, 0.4872



91.2780, 0.4093, 0.5036



48.0909, 0.3423, 0.5260



13.0719, 0.3259, 0.3519



34.5335, 0.4121, 0.5110



1.7891, 0.4136, 0.5098

Inverse Universe

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



8.8873, 0.1818, 0.1086



9.4642, 0.1611, 0.0757



13.0355, 0.2429, 0.1381



10.8660, 0.2989, 0.3051



2.7888, 0.1515, 0.0608



0.1519, 0.1564, 0.0635

Previews

White Background



This preview shows how the Yxy color 55.5284, 0.4012, 0.4872 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 55.5284, 0.4012, 0.4872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

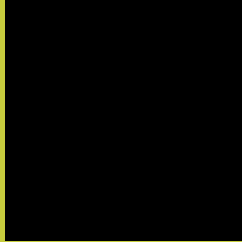
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5284, 0.4012, 0.4872

Background



This preview shows how black text looks on a background with the Yxy color 55.5284, 0.4012, 0.4872.



This preview shows how white text looks on a background with the Yxy color 55.5284, 0.4012, 0.4872.

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

55.5284, 0.4012, 0.4872

Protanopia

55.4639, 0.4263, 0.4703

Deuteranopia

54.9476, 0.4525, 0.4420



Tritanopia

55.0836, 0.3184, 0.3116

Trichromacy



Original Color

55.5284, 0.4012, 0.4872

Protanomaly

55.6318, 0.4166, 0.4767

Deuteranomaly

55.0156, 0.4338, 0.4588

Tritanomaly

54.4519, 0.3543, 0.3804

Monochromacy



Original Color

55.5284, 0.4012, 0.4872

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

51.0102, 0.3503, 0.3961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5284, 0.4012, 0.4872 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(198, 204, 61)` looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 61)  
}
```

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(198, 204, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 61) }
```

Border

The CSS property to change the border of an element to Yxy 55.5284, 0.4012, 0.4872 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(198, 204, 61) }
```

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

```
.border{ border-color:rgb(198, 204, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 204, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 61);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5284, 0.4012, 0.4872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 61) }
```

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

```
.background{ background-color: rgb(198,  
204, 61) }
```

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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