

Converting Colors

$Y_{xy}(55.9904, 0.3930, 0.4705)$

Have a look what the booklet for
Yxy(55.9904, 0.3930, 0.4705)
contains.

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Color

Yxy(55.9370, 0.3924, 0.4704)

Conversions

Conversions Part 1

Format	Color
Hex	C7CC52
RGB	199, 204, 82
RGB Percent	78%, 80%, 32%
CMY	0.2197, 0.1999, 0.6785
CMYK	0.02, 0.00, 0.60, 0.20
HSL	62°, 54%, 56%
HSV	62°, 60%, 80%
XYZ	46.6617, 55.9370, 16.3150
YIQ	188.5970, 36.1820, -39.0020

Conversions

Conversions Part 2

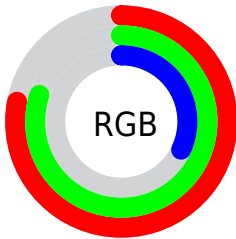
Format	Color
RYB	82, 204, 87
Decimal	13093970
CIELab	79.58, -17.54, 58.56
CIELCh	80, 61.131, 106.671
Yxy	55.9370, 0.3924, 0.4704
Android (android.graphics.Color)	4291284050 (0xFFC7CC52)
YUV	188.5970, -52.5523, 9.1234
Hunter-Lab	74.7910, -19.5191, 39.4202

Details

The Yxy color **55.9370, 0.3924, 0.4704** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **12.4190, 0.2009, 0.1398**, and the grayscale version is **50.9343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5576, 0.3819, 0.4434**, and **27.6294, 0.4050, 0.5034** is the 20% darker color. If you saturate the color by 10%, you get **55.5588, 0.4010, 0.4868**, and if you desaturate by 10%, it is **56.4133, 0.3815, 0.4505**.

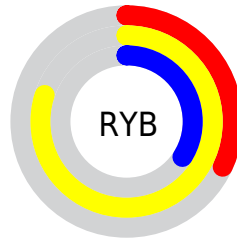
Distribution



Red (78%)

Green (80%)

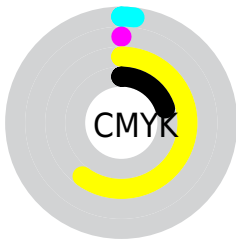
Blue (32%)



Red (32%)

Yellow (80%)

Blue (34%)

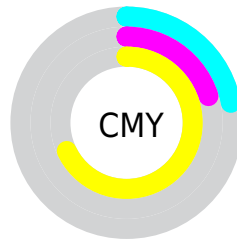


Cyan (2%)

Magenta (0%)

Yellow (60%)

Black (20%)



Cyan (22%)


Magenta (20%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9370, 0.3924, 0.4704 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 55.9370, 0.3924, 0.4704 by changing the saturation by 10% instead.

 55.9370, 0.3924,
0.4704

 55.9370, 0.3924,
0.4704


409.4540, 0.3582,
0.4027

 40.1524, 0.3986,
0.4854


 98.9125, 0.3816,
0.4470

 27.6574, 0.4052,
0.5033


 126.8721, 0.3770,
0.4379


 18.0676, 0.4114,
0.5246


 159.6589, 0.3730,
0.4300

 10.9985, 0.4162,
0.5500

 197.6573, 0.3693,
0.4231

 6.0658, 0.4179,
0.5821

 241.2516, 0.3661,
0.4170

 2.8852, 0.3977,
0.6023

290.8262, 0.3632,

 1.0721, 0.3510,

0.4117

0.6490

346.7656, 0.3605,
0.4070

0.0000, 0.0000,
0.0000

55.9370, 0.3924,
0.4704

55.9370, 0.3924,
0.4704

55.5588, 0.4010,
0.4868

56.4133, 0.3815,
0.4505

55.2624, 0.4072,
0.4989

56.9875, 0.3690,
0.4278

55.0406, 0.4107,
0.5067

57.6686, 0.3552,
0.4034

54.8749, 0.4121,
0.5109

58.4629, 0.3409,
0.3781

54.8720, 0.4121,
0.5110

59.3760, 0.3265,
0.3530

■ 60.4131, 0.3125,
0.3286

■ 61.5792, 0.2990,
0.3053

■ 62.8790, 0.2864,
0.2836

■ 63.6157, 0.2809,
0.2738

Harmonies

Analogous

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



55.9370, 0.4502, 0.4282



55.9370, 0.3924, 0.4704



55.9370, 0.3174, 0.4704

Triad

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



55.9370, 0.3924, 0.4704



55.9370, 0.1758, 0.2552



55.9370, 0.3732, 0.2620

Complementary

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



55.9370, 0.3924, 0.4704



12.4190, 0.2009, 0.1398

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.



55.9370, 0.2910, 0.2251



55.9370, 0.3924, 0.4704



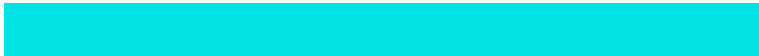
55.9370, 0.1861, 0.2173

Square

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



55.9370, 0.3924, 0.4704



55.9370, 0.1951, 0.3252



55.9370, 0.2250, 0.2088



55.9370, 0.4435, 0.3132

Rectangle

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



55.9370, 0.3924, 0.4704



55.9370, 0.2676, 0.4370



55.9370, 0.2250, 0.2088



55.9370, 0.3454, 0.2477

Sweetspot

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



55.9396, 0.3924, 0.4704



97.0300, 0.3386, 0.3741



20.1112, 0.4947, 0.3343



20.6792, 0.3429, 0.3816



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.



55.9396, 0.3924, 0.4704



91.8278, 0.4032, 0.4910



49.2848, 0.3418, 0.4991



13.0721, 0.3259, 0.3519



34.5416, 0.4122, 0.5109



1.7895, 0.4137, 0.5097

Inverse Universe

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



12.4190, 0.2009, 0.1398



13.4396, 0.1772, 0.1011



16.6005, 0.2557, 0.1635



10.8658, 0.2989, 0.3051



2.7883, 0.1514, 0.0608



0.1518, 0.1564, 0.0635

Previews

White Background



This preview shows how the Yxy color 55.9370, 0.3924, 0.4704 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 55.9370, 0.3924, 0.4704 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 55.9370, 0.3924, 0.4704

Background



This preview shows how black text looks on a background with the Yxy color 55.9370, 0.3924, 0.4704.



This preview shows how white text looks on a background with the Yxy color 55.9370, 0.3924, 0.4704.

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

55.9370, 0.3924, 0.4704

Protanopia

55.5718, 0.4155, 0.4561

Deuteranopia

55.4619, 0.4403, 0.4300



Tritanopia

55.5667, 0.3176, 0.3116

Trichromacy



Original Color

55.9370, 0.3924, 0.4704

Protanomaly

55.8997, 0.4068, 0.4613

Deuteranomaly

55.2898, 0.4234, 0.4442

Tritanomaly

55.3185, 0.3486, 0.3716

Monochromacy



Original Color

55.9370, 0.3924, 0.4704

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.1230, 0.3457, 0.3851

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9370, 0.3924, 0.4704 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(199, 204, 82)` looks like.

```
.text, #text, p{  
    color:rgb(199, 204, 82)  
}
```

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(199, 204, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 204, 82) }
```

Border

The CSS property to change the border of an element to Yxy 55.9370, 0.3924, 0.4704 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(199, 204, 82) }
```

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

```
.border{ border-color:rgb(199, 204, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 204, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 204, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 204, 82);  
box-shadow:4px 4px 4px 4px rgb(199, 204,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9370, 0.3924, 0.4704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 204, 82) }
```

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

```
.background{ background-color: rgb(199,  
204, 82) }
```

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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