

Converting Colors

$Yxy(55.3557, 0.3748, 0.4230)$

Have a look what the booklet for
Yxy(55.3557, 0.3748, 0.4230)
contains.

Yxy(55.0894, 0.3745, 0.4225)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.0894, 0.3745, 0.4225)

Conversions

Conversions Part 1

Format	Color
Hex	CCC77A
RGB	204, 199, 122
RGB Percent	80%, 78%, 48%
CMY	0.2001, 0.2195, 0.5216
CMYK	0.00, 0.02, 0.40, 0.20
HSL	56°, 45%, 64%
HSV	56°, 40%, 80%
XYZ	48.8307, 55.0894, 26.4690
YIQ	191.7170, 27.6970, -22.8870

Conversions

Conversions Part 2

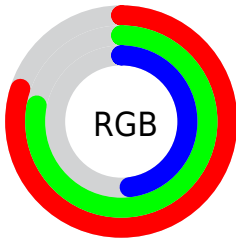
Format	Color
RYB	127, 204, 122
Decimal	13420410
CIELab	79.09, -9.43, 39.13
CIELCh	79, 40.251, 103.544
Yxy	55.0894, 0.3745, 0.4225
Android (android.graphics.Color)	4291610490 (0xFFCCCC77A)
YUV	191.7170, -34.3705, 10.7722
Hunter-Lab	74.2222, -12.4540, 30.8117

Details

The Yxy color **55.0894, 0.3745, 0.4225** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.6589, 0.2400, 0.2142**, and the grayscale version is **52.7291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8751, 0.3603, 0.4076**, and **27.0016, 0.3886, 0.4470** is the 20% darker color. If you saturate the color by 10%, you get **54.0738, 0.3890, 0.4436**, and if you desaturate by 10%, it is **56.2207, 0.3591, 0.3997**.

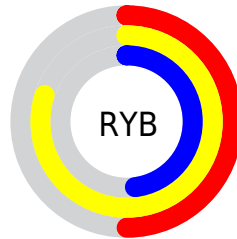
Distribution



Red (80%)

Green (78%)

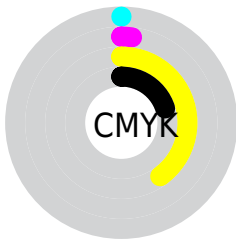
Blue (48%)



Red (50%)

Yellow (80%)

Blue (48%)

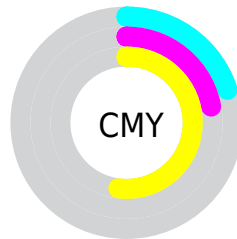


Cyan (0%)

Magenta (2%)

Yellow (40%)

Black (20%)



Cyan (20%)


Magenta (22%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0894, 0.3745, 0.4225 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 55.0894, 0.3745, 0.4225 by changing the saturation by 10% instead.


 55.0894, 0.3745,
0.4225

 55.0894, 0.3745,
0.4225


406.2507, 0.3458,
0.3770


 39.4733, 0.3808,
0.4332


 97.6719, 0.3647,
0.4064

 27.1281, 0.3884,
0.4465


 125.4071, 0.3608,
0.4002

 17.6695, 0.3974,
0.4632


 157.9509, 0.3574,
0.3949

 10.7129, 0.4080,
0.4847

195.6875, 0.3545,
0.3904

 5.8742, 0.4199,
0.5128

239.0014, 0.3519,
0.3864

 2.7687, 0.4393,
0.5607

288.2769, 0.3496,

 1.0122, 0.4179,

0.3829

0.5821

343.8986, 0.3476,
0.3798

0.0000, 0.0000,
0.0000

55.0894, 0.3745,
0.4225

55.0894, 0.3745,
0.4225

54.0738, 0.3890,
0.4436

56.2207, 0.3591,
0.3997

53.1596, 0.4020,
0.4620

57.4664, 0.3434,
0.3760

52.3420, 0.4129,
0.4769


58.8345, 0.3279,
0.3524

51.6124, 0.4212,
0.4875

60.3304, 0.3130,
0.3294


50.9607, 0.4269,
0.4938


61.9589, 0.2989,
0.3075

 50.3787, 0.4303,
0.4965

 63.7249, 0.2858,
0.2870

 64.9874, 0.2794,
0.2776

 65.5889, 0.2795,
0.2790

 66.1951, 0.2796,
0.2804

Harmonies

Analogous

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



55.0894, 0.4098, 0.3970



55.0894, 0.3745, 0.4225



55.0894, 0.3243, 0.4210

Triad

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



55.0894, 0.3745, 0.4225



55.0894, 0.2175, 0.2856



55.0894, 0.3481, 0.2795

Complementary

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



55.0894, 0.3745, 0.4225



23.6589, 0.2400, 0.2142

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.



55.0894, 0.2939, 0.2540



55.0894, 0.3745, 0.4225



55.0894, 0.2224, 0.2547

Square

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



55.0894, 0.3745, 0.4225



55.0894, 0.2352, 0.3343



55.0894, 0.2490, 0.2447



55.0894, 0.3953, 0.3163

Rectangle

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



55.0894, 0.3745, 0.4225



55.0894, 0.2896, 0.4015



55.0894, 0.2490, 0.2447



55.0894, 0.3298, 0.2695

Sweetspot

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



55.0919, 0.3745, 0.4225



97.0104, 0.3309, 0.3570



28.2941, 0.4066, 0.3222



20.6986, 0.3330, 0.3601



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.



55.0919, 0.3745, 0.4225



89.8375, 0.3868, 0.4405



52.9481, 0.3424, 0.4385



12.9761, 0.3267, 0.3506



31.7706, 0.4302, 0.4966



1.6750, 0.4279, 0.4985

Inverse Universe

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



23.6589, 0.2400, 0.2142



30.9273, 0.2223, 0.1857



25.4953, 0.2707, 0.2166



10.9509, 0.2982, 0.3065



2.9613, 0.1512, 0.0642



0.1917, 0.1551, 0.0785

Previews

White Background



This preview shows how the Yxy color 55.0894, 0.3745, 0.4225 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 55.0894, 0.3745, 0.4225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

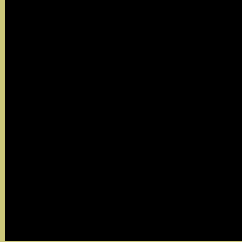
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0894, 0.3745, 0.4225

Background



This preview shows how black text looks on a background with the Yxy color 55.0894, 0.3745, 0.4225.



This preview shows how white text looks on a background with the Yxy color 55.0894, 0.3745, 0.4225.

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

55.0894, 0.3745, 0.4225

Protanopia

55.1565, 0.3854, 0.4174

Deuteranopia

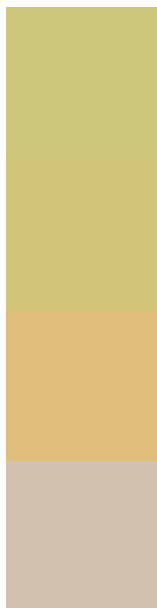
54.8542, 0.4064, 0.3976



Tritanopia

54.9010, 0.3209, 0.3116

Trichromacy



Original Color

55.0894, 0.3745, 0.4225

Protanomaly

55.0146, 0.3814, 0.4197

Deuteranomaly

54.5641, 0.3945, 0.4060

Tritanomaly

54.8976, 0.3416, 0.3519

Monochromacy



Original Color

55.0894, 0.3745, 0.4225

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.5560, 0.3348, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0894, 0.3745, 0.4225 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, 199, 122)` looks like.

```
.text, #text, p{  
    color:rgb(204, 199, 122)  
}
```

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, 199, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 199, 122) }
```

Border

The CSS property to change the border of an element to Yxy 55.0894, 0.3745, 0.4225 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, 199, 122) }
```

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

```
.border{ border-color:rgb(204, 199, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 199, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 199, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 199, 122);  
box-shadow:4px 4px 4px 4px rgb(204, 199,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0894, 0.3745, 0.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 199, 122) }
```

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

```
.background{ background-color: rgb(204,  
199, 122) }
```

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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