

Converting Colors

$Yxy(52.1124, 0.3698, 0.4206)$

Have a look what the booklet for
Yxy(52.1124, 0.3698, 0.4206)
contains.

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Color

Yxy(52.1711, 0.3692, 0.4206)

Conversions

Conversions Part 1

Format	Color
Hex	C4C37A
RGB	196, 195, 122
RGB Percent	77%, 76%, 48%
CMY	0.2313, 0.2353, 0.5215
CMYK	0.00, 0.01, 0.38, 0.23
HSL	59°, 39%, 62%
HSV	59°, 38%, 77%
XYZ	45.7955, 52.1711, 26.0731
YIQ	186.9770, 24.0290, -22.4910

Conversions

Conversions Part 2

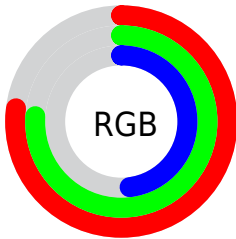
Format	Color
RYB	123, 196, 122
Decimal	12895098
CIELab	77.38, -10.53, 36.81
CIELCh	77, 38.286, 105.968
Yxy	52.1711, 0.3692, 0.4206
Android (android.graphics.Color)	4291085178 (0xFFC4C37A)
YUV	186.9770, -32.0337, 7.9132
Hunter-Lab	72.2296, -13.2280, 29.1584

Details

The Yxy color **52.1711, 0.3692, 0.4206** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.2966, 0.2445, 0.2173**, and the grayscale version is **49.8569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1603, 0.3607, 0.4043**, and **25.1804, 0.3823, 0.4440** is the 20% darker color. If you saturate the color by 10%, you get **51.6159, 0.3830, 0.4429**, and if you desaturate by 10%, it is **52.8292, 0.3544, 0.3967**.

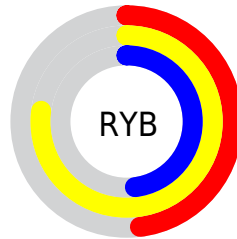
Distribution



Red (77%)

Green (76%)

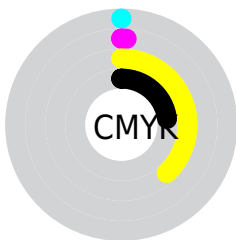
Blue (48%)



Red (48%)

Yellow (77%)

Blue (48%)

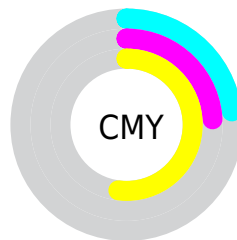


Cyan (0%)

Magenta (1%)

Yellow (38%)

Black (23%)



Cyan (23%)


Magenta (24%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1711, 0.3692, 0.4206 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 52.1711, 0.3692, 0.4206 by changing the saturation by 10% instead.


 52.1711, 0.3692,
0.4206


 52.1711, 0.3692,
0.4206


395.0968, 0.3427,
0.3754

 37.1415, 0.3751,
0.4315


 93.3835, 0.3601,
0.4044

 25.3170, 0.3822,
0.4451


 120.3351, 0.3565,
0.3983

 16.3134, 0.3907,
0.4625


 152.0295, 0.3534,
0.3930

 9.7462, 0.4007,
0.4852

188.8510, 0.3507,
0.3885

 5.2310, 0.4122,
0.5161

231.1841, 0.3483,
0.3846

 2.3834, 0.4307,
0.5693

279.4132, 0.3462,

 0.8173, 0.3887,

0.3811

0.6113

333.9226, 0.3444,
0.3781

■ 0.0000, 0.0000,
0.0000

■ 52.1711, 0.3692,
0.4206

■ 52.1711, 0.3692,
0.4206

■ 51.6159, 0.3830,
0.4429

■ 52.8292, 0.3544,
0.3967

■ 51.1506, 0.3953,
0.4626

■ 53.5887, 0.3392,
0.3721

■ 50.7711, 0.4056,
0.4788


■ 54.4567, 0.3241,
0.3475


■ 50.4698, 0.4133,
0.4909


■ 55.4382, 0.3095,
0.3237

■ 50.2381, 0.4185,
0.4987

■ 56.5375, 0.2956,
0.3011


 50.0633, 0.4212,
0.5027

 57.7588, 0.2827,
0.2800

 50.0270, 0.4217,
0.5034

 58.8311, 0.2732,
0.2646

 58.9524, 0.2733,
0.2649

 59.0739, 0.2733,
0.2652

Harmonies

Analogous

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



52.1711, 0.4049, 0.3979



52.1711, 0.3692, 0.4206



52.1711, 0.3200, 0.4164

Triad

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



52.1711, 0.3692, 0.4206



52.1711, 0.2198, 0.2839



52.1711, 0.3512, 0.2835

Complementary

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



52.1711, 0.3692, 0.4206



22.2966, 0.2445, 0.2173

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.



52.1711, 0.2986, 0.2576



52.1711, 0.3692, 0.4206



52.1711, 0.2263, 0.2554

Square

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



52.1711, 0.3692, 0.4206



52.1711, 0.2353, 0.3301



52.1711, 0.2538, 0.2471



52.1711, 0.3955, 0.3200

Rectangle

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



52.1711, 0.3692, 0.4206



52.1711, 0.2865, 0.3959



52.1711, 0.2538, 0.2471



52.1711, 0.3337, 0.2734

Sweetspot

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



52.1735, 0.3692, 0.4206



98.0797, 0.3292, 0.3559



27.0963, 0.4028, 0.3276



20.9462, 0.3313, 0.3592



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.



52.1735, 0.3692, 0.4206



93.6872, 0.3803, 0.4385



48.3887, 0.3377, 0.4322



11.7340, 0.3265, 0.3514



32.1520, 0.4217, 0.5034



1.3969, 0.4211, 0.5038

Inverse Universe

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



22.2966, 0.2445, 0.2173



32.1078, 0.2275, 0.1895



25.1557, 0.2777, 0.2254



9.7695, 0.2983, 0.3055



2.6084, 0.1503, 0.0610



0.1205, 0.1513, 0.0648

Previews

White Background



This preview shows how the Yxy color 52.1711, 0.3692, 0.4206 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 52.1711, 0.3692, 0.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

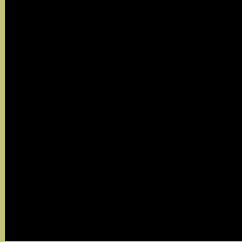
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1711, 0.3692, 0.4206

Background



This preview shows how black text looks on a background with the Yxy color 52.1711, 0.3692, 0.4206.



This preview shows how white text looks on a background with the Yxy color 52.1711, 0.3692, 0.4206.

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

52.1711, 0.3692, 0.4206

Protanopia

52.0276, 0.3832, 0.4151

Deuteranopia

52.1706, 0.4032, 0.3949



Tritanopia

52.2671, 0.3176, 0.3123

Trichromacy



Original Color

52.1711, 0.3692, 0.4206

Protanomaly

51.9171, 0.3784, 0.4162

Deuteranomaly

51.9013, 0.3911, 0.4034

Tritanomaly

51.9303, 0.3370, 0.3501

Monochromacy



Original Color

52.1711, 0.3692, 0.4206

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4184, 0.3337, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1711, 0.3692, 0.4206 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(196, 195, 122)` looks like.

```
.text, #text, p{  
    color:rgb(196, 195, 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(196, 195, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 195, 122) }
```

Border

The CSS property to change the border of an element to Yxy 52.1711, 0.3692, 0.4206 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(196, 195, 122) }
```

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

```
.border{ border-color:rgb(196, 195, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 195, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 195, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 195, 122);  
box-shadow:4px 4px 4px 4px rgb(196, 195,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1711, 0.3692, 0.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 195, 122) }
```

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

```
.background{ background-color: rgb(196,  
195, 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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