

Converting Colors

$Y_{xy}(52.7253, 0.3722, 0.4298)$

Have a look what the booklet for
Yxy(52.7253, 0.3722, 0.4298)
contains.

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Color

Yxy(52.7956, 0.3717, 0.4302)

Conversions

Conversions Part 1

Format	Color
Hex	C3C574
RGB	195, 197, 116
RGB Percent	76%, 77%, 45%
CMY	0.2355, 0.2274, 0.5451
CMYK	0.01, 0.00, 0.41, 0.23
HSL	62°, 41%, 61%
HSV	62°, 41%, 77%
XYZ	45.6163, 52.7956, 24.3115
YIQ	187.1680, 24.8090, -25.6150

Conversions

Conversions Part 2

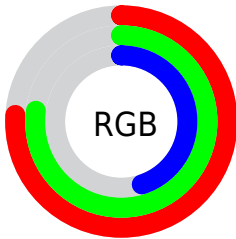
Format	Color
RYB	116, 197, 118
Decimal	12830068
CIELab	77.75, -12.64, 40.31
CIELCh	78, 42.248, 107.414
Yxy	52.7956, 0.3717, 0.4302
Android (android.graphics.Color)	4291020148 (0xFFC3C574)
YUV	187.1680, -35.0858, 6.8687
Hunter-Lab	72.6606, -15.0938, 31.0246

Details

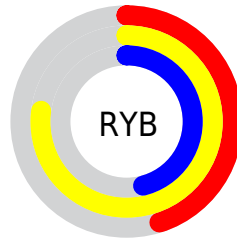
The Yxy color **52.7956, 0.3717, 0.4302** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.3815, 0.2388, 0.2044**, and the grayscale version is **49.9835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6308, 0.3627, 0.4129**, and **25.6137, 0.3848, 0.4558** is the 20% darker color. If you saturate the color by 10%, you get **52.3204, 0.3844, 0.4523**, and if you desaturate by 10%, it is **53.3731, 0.3578, 0.4062**.

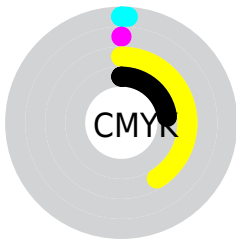
Distribution



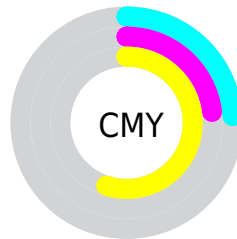
- Red (76%)
- Green (77%)
- Blue (45%)



- Red (45%)
- Yellow (77%)
- Blue (46%)



- Cyan (1%)
- Magenta (0%)
- Yellow (41%)
- Black (23%)





- Cyan (24%)
- Magenta (23%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7956, 0.3717, 0.4302 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 52.7956, 0.3717, 0.4302 by changing the saturation by 10% instead.


 52.7956, 0.3717,
0.4302


 52.7956, 0.3717,
0.4302


397.5004, 0.3444,
0.3803


 37.6396, 0.3776,
0.4421


 94.3035, 0.3624,
0.4124

 25.7031, 0.3845,
0.4570


 121.4243, 0.3588,
0.4056

 16.6017, 0.3926,
0.4758


 153.3021, 0.3556,
0.3998

 9.9509, 0.4017,
0.5001

190.3213, 0.3528,
0.3948

 5.3664, 0.4127,
0.5347

232.8663, 0.3503,
0.3905

 2.4638, 0.4198,
0.5802

281.3216, 0.3481,

 0.8584, 0.3714,

0.3867

0.6286

336.0715, 0.3462,
0.3833

0.0000, 0.0000,
0.0000

52.7956, 0.3717,
0.4302

52.7956, 0.3717,
0.4302

52.3204, 0.3844,
0.4523

53.3731, 0.3578,
0.4062

51.9340, 0.3952,
0.4715

54.0513, 0.3433,
0.3812

51.6320, 0.4039,
0.4870

54.8378, 0.3286,
0.3561

51.4064, 0.4099,
0.4983


55.7375, 0.3143,
0.3317

51.2478, 0.4135,
0.5054


56.7551, 0.3005,
0.3083

 51.1475, 0.4149,
0.5088

 57.8947, 0.2876,
0.2864

 59.1605, 0.2756,
0.2661

 59.2982, 0.2752,
0.2651

 59.3669, 0.2756,
0.2652

Harmonies

Analogous

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



52.7956, 0.4122, 0.4054



52.7956, 0.3717, 0.4302



52.7956, 0.3174, 0.4247

Triad

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



52.7956, 0.3717, 0.4302



52.7956, 0.2113, 0.2771



52.7956, 0.3576, 0.2811

Complementary

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



52.7956, 0.3717, 0.4302



20.3815, 0.2388, 0.2044

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.



52.7956, 0.2997, 0.2524



52.7956, 0.3717, 0.4302



52.7956, 0.2196, 0.2475

Square

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



52.7956, 0.3717, 0.4302



52.7956, 0.2267, 0.3270



52.7956, 0.2502, 0.2400



52.7956, 0.4056, 0.3208

Rectangle

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



52.7956, 0.3717, 0.4302



52.7956, 0.2811, 0.4010



52.7956, 0.2502, 0.2400



52.7956, 0.3383, 0.2700

Sweetspot

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



52.7980, 0.3717, 0.4302



98.0362, 0.3302, 0.3588



25.9404, 0.4160, 0.3311



20.9419, 0.3321, 0.3621



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.



52.7980, 0.3717, 0.4302



93.7949, 0.3827, 0.4494



48.1865, 0.3372, 0.4431



12.4027, 0.3261, 0.3519



33.6412, 0.4150, 0.5087



1.5974, 0.4159, 0.5080

Inverse Universe

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



20.3815, 0.2388, 0.2044



28.2038, 0.2205, 0.1740



23.7803, 0.2764, 0.2162



10.3001, 0.2987, 0.3051



2.6783, 0.1509, 0.0605



0.1314, 0.1541, 0.0623

Previews

White Background



This preview shows how the Yxy color 52.7956, 0.3717, 0.4302 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 52.7956, 0.3717, 0.4302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

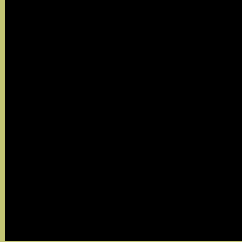
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7956, 0.3717, 0.4302

Background



This preview shows how black text looks on a background with the Yxy color 52.7956, 0.3717, 0.4302.



This preview shows how white text looks on a background with the Yxy color 52.7956, 0.3717, 0.4302.

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

52.7956, 0.3717, 0.4302

Protanopia

52.6158, 0.3890, 0.4223

Deuteranopia

52.3547, 0.4099, 0.4008



Tritanopia

52.7841, 0.3160, 0.3112

Trichromacy



Original Color

52.7956, 0.3717, 0.4302

Protanomaly

52.8005, 0.3827, 0.4249

Deuteranomaly

52.3345, 0.3962, 0.4108

Tritanomaly

52.6194, 0.3366, 0.3538

Monochromacy



Original Color

52.7956, 0.3717, 0.4302

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.7820, 0.3351, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7956, 0.3717, 0.4302 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(195, 197, 116)` looks like.

```
.text, #text, p{  
    color:rgb(195, 197, 116)  
}
```

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(195, 197, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 197, 116) }
```

Border

The CSS property to change the border of an element to Yxy 52.7956, 0.3717, 0.4302 is called "border". The border property can be set on classes, ids or directly on the HTML element.

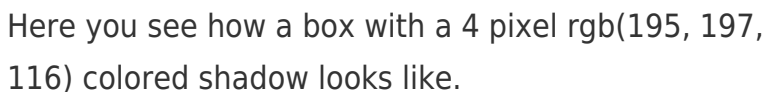
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 197, 116) }
```

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

```
.border{ border-color:rgb(195, 197, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 197, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 197, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 197, 116); box-shadow:4px 4px 4px 4px rgb(195, 197, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7956, 0.3717, 0.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 197, 116) }
```

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

```
.background{ background-color: rgb(195,  
197, 116) }
```

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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