

Converting Colors

$Yxy(51.8739, 0.3923, 0.4176)$

Have a look what the booklet for
Yxy(51.8739, 0.3923, 0.4176)
contains.

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Color

Yxy(51.7791, 0.3925, 0.4170)

Conversions

Conversions Part 1

Format	Color
Hex	D5BD73
RGB	213, 189, 115
RGB Percent	84%, 74%, 45%
CMY	0.1647, 0.2588, 0.5489
CMYK	0.00, 0.11, 0.46, 0.16
HSL	45°, 54%, 64%
HSV	45°, 46%, 84%
XYZ	48.7369, 51.7791, 23.6545
YIQ	187.7400, 38.0580, -17.9260

Conversions

Conversions Part 2

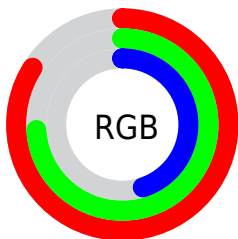
Format	Color
RYB	147, 213, 115
Decimal	14007667
CIELab	77.15, -1.30, 40.37
CIELCh	77, 40.392, 91.848
Yxy	51.7791, 0.3925, 0.4170
Android (android.graphics.Color)	4292197747 (0xFFD5BD73)
YUV	187.7400, -35.8608, 22.1530
Hunter-Lab	71.9577, -5.0280, 30.8801

Details

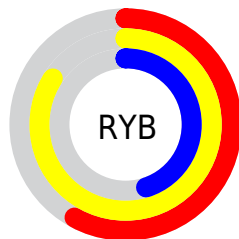
The Yxy color **51.7791, 0.3925, 0.4170** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.9305, 0.2323, 0.2209**, and the grayscale version is **50.3287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3920, 0.3674, 0.4056**, and **25.0579, 0.4108, 0.4386** is the 20% darker color. If you saturate the color by 10%, you get **49.1405, 0.4110, 0.4339**, and if you desaturate by 10%, it is **54.6167, 0.3738, 0.3983**.

Distribution



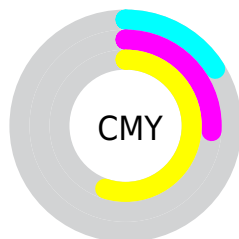
- Red (84%)
- Green (74%)
- Blue (45%)



- Red (58%)
- Yellow (84%)
- Blue (45%)



- Cyan (0%)
- Magenta (11%)
- Yellow (46%)
- Black (16%)





- Cyan (16%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7791, 0.3925, 0.4170 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 51.7791, 0.3925, 0.4170 by changing the saturation by 10% instead.


 51.7791, 0.3925,
0.4170

 51.7791, 0.3925,
0.4170


393.5832, 0.3545,
0.3748

 36.8290, 0.4011,
0.4267


 92.8054, 0.3793,
0.4023

 25.0751, 0.4116,
0.4384

 119.6504, 0.3741,
0.3965

 16.1330, 0.4243,
0.4529


 151.2291, 0.3697,
0.3916

 9.6184, 0.4397,
0.4706

187.9261, 0.3658,
0.3874

 5.1467, 0.4611,
0.4955

230.1255, 0.3625,
0.3836

 2.3336, 0.4804,
0.5196

278.2120, 0.3595,

 0.7914, 0.4765,

0.3803

0.5235

332.5697, 0.3568,
0.3774

0.0000, 0.0000,
0.0000

51.7791, 0.3925,
0.4170

51.7791, 0.3925,
0.4170

49.1405, 0.4110,
0.4339

54.6167, 0.3738,
0.3983

46.6849, 0.4286,
0.4480

57.6541, 0.3555,
0.3787

44.4049, 0.4443,
0.4582

60.9010, 0.3381,
0.3591

42.2893, 0.4574,
0.4638

64.3643, 0.3218,
0.3400

40.3242, 0.4675,
0.4647

68.0505, 0.3069,
0.3218

■ 39.5702, 0.4710,
0.4642

■ 71.9658, 0.2934,
0.3047

■ 75.5131, 0.2863,
0.2980

■ 78.3883, 0.2866,
0.3036

■ 81.3506, 0.2868,
0.3091

Harmonies

Analogous

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



51.7791, 0.4192, 0.3838



51.7791, 0.3925, 0.4170



51.7791, 0.3454, 0.4280

Triad

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



51.7791, 0.3925, 0.4170



51.7791, 0.2197, 0.3022



51.7791, 0.3270, 0.2666

Complementary

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



51.7791, 0.3925, 0.4170



26.9305, 0.2323, 0.2209

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.



51.7791, 0.2736, 0.2465



51.7791, 0.3925, 0.4170



51.7791, 0.2158, 0.2627

Square

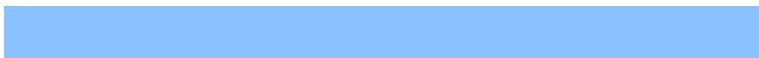
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.7791, 0.3925, 0.4170



51.7791, 0.2464, 0.3562



51.7791, 0.2345, 0.2443



51.7791, 0.3805, 0.3003

Rectangle

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



51.7791, 0.3925, 0.4170



51.7791, 0.3095, 0.4170



51.7791, 0.2345, 0.2443



51.7791, 0.3083, 0.2582

Sweetspot

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



51.7815, 0.3925, 0.4170



92.4542, 0.3350, 0.3555



28.2965, 0.4044, 0.2990



19.5527, 0.3386, 0.3598



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.



51.7815, 0.3925, 0.4170



74.0079, 0.4102, 0.4332



59.5909, 0.3603, 0.4495



13.9803, 0.3272, 0.3465



24.3355, 0.4701, 0.4649



1.5937, 0.4595, 0.4733

Inverse Universe

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



26.9305, 0.2323, 0.2209



32.3819, 0.2144, 0.1937



22.6082, 0.2462, 0.1928



12.4981, 0.2982, 0.3109



4.5815, 0.1580, 0.0887



0.4078, 0.1673, 0.1223

Previews

White Background



This preview shows how the Yxy color 51.7791, 0.3925, 0.4170 looks on a white background.

Color Contrast Check

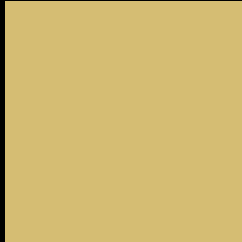
Large Text (above 18pt) WCAG AA × Fail

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 51.7791, 0.3925, 0.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

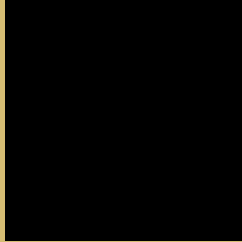
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7791, 0.3925, 0.4170

Background



This preview shows how black text looks on a background with the Yxy color 51.7791, 0.3925, 0.4170.



This preview shows how white text looks on a background with the Yxy color 51.7791, 0.3925, 0.4170.

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

51.7791, 0.3925, 0.4170

Protanopia

51.9325, 0.3862, 0.4196

Deuteranopia

51.7292, 0.4111, 0.4021



Tritanopia

51.9097, 0.3368, 0.3129

Trichromacy



Original Color

51.7791, 0.3925, 0.4170

Protanomaly

51.7895, 0.3885, 0.4179

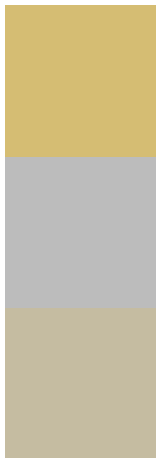
Deuteranomaly

51.8062, 0.4039, 0.4083

Tritanomaly

51.4890, 0.3584, 0.3505

Monochromacy



Original Color

51.7791, 0.3925, 0.4170

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.4100, 0.3418, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7791, 0.3925, 0.4170 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(213, 189, 115)` looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 115)  
}
```

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(213, 189, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 115) }
```

Border

The CSS property to change the border of an element to Yxy 51.7791, 0.3925, 0.4170 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(213, 189, 115) }
```

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

```
.border{ border-color:rgb(213, 189, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 189, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 189, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 189, 115);  
box-shadow:4px 4px 4px 4px rgb(213, 189,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7791, 0.3925, 0.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 115) }
```

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

```
.background{ background-color: rgb(213,  
189, 115) }
```

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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