

Converting Colors

Yxy(52.3835, 0.3893, 0.4178)

Have a look what the booklet for
Yxy(52.3835, 0.3893, 0.4178)
contains.

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Color

Yxy(52.5196, 0.3898, 0.4184)

Conversions

Conversions Part 1

Format	Color
Hex	D4BF74
RGB	212, 191, 116
RGB Percent	83%, 75%, 45%
CMY	0.1687, 0.2509, 0.5452
CMYK	0.00, 0.10, 0.45, 0.17
HSL	47°, 53%, 64%
HSV	47°, 45%, 83%
XYZ	48.9296, 52.5196, 24.0757
YIQ	188.7290, 36.5910, -18.8730

Conversions

Conversions Part 2

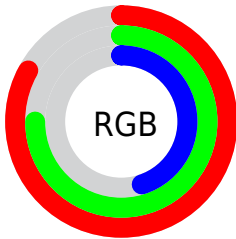
Format	Color
RYB	143, 212, 116
Decimal	13942644
CIELab	77.59, -2.68, 40.42
CIELCh	78, 40.512, 93.795
Yxy	52.5196, 0.3898, 0.4184
Android (android.graphics.Color)	4292132724 (0xFFD4BF74)
YUV	188.7290, -35.8554, 20.4087
Hunter-Lab	72.4704, -6.3060, 31.0323

Details

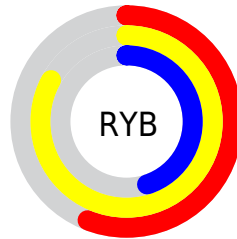
The Yxy color **52.5196, 0.3898, 0.4184** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.3417, 0.2330, 0.2191**, and the grayscale version is **50.9183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6461, 0.3661, 0.4064**, and **25.6382, 0.4081, 0.4400** is the 20% darker color. If you saturate the color by 10%, you get **50.0959, 0.4076, 0.4359**, and if you desaturate by 10%, it is **55.1246, 0.3716, 0.3991**.

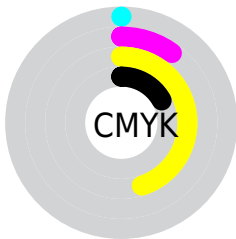
Distribution



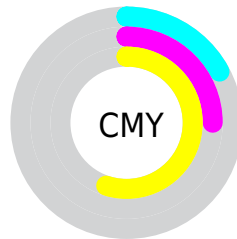
- Red (83%)
- Green (75%)
- Blue (45%)



- Red (56%)
- Yellow (83%)
- Blue (45%)



- Cyan (0%)
- Magenta (10%)
- Yellow (45%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5196, 0.3898, 0.4184 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 52.5196, 0.3898, 0.4184 by changing the saturation by 10% instead.


 52.5196, 0.3898,
0.4184

 52.5196, 0.3898,
0.4184


396.4393, 0.3532,
0.3754


 37.4194, 0.3980,
0.4283

 93.8971, 0.3771,
0.4034

 25.5324, 0.4080,
0.4403


 120.9432, 0.3722,
0.3975

 16.4741, 0.4201,
0.4552


 152.7400, 0.3679,
0.3925

 9.8603, 0.4346,
0.4736

189.6720, 0.3642,
0.3882

 5.3064, 0.4542,
0.4989

232.1235, 0.3609,
0.3844

 2.4282, 0.4733,
0.5267

280.4790, 0.3581,

 0.8403, 0.4660,

0.3811

0.5340

335.1228, 0.3555,
0.3781

0.0000, 0.0000,
0.0000

52.5196, 0.3898,
0.4184

52.5196, 0.3898,
0.4184

50.0959, 0.4076,
0.4359

55.1246, 0.3716,
0.3991

47.8378, 0.4244,
0.4507

57.9111, 0.3538,
0.3789

45.7385, 0.4392,
0.4616

60.8886, 0.3367,
0.3587

43.7871, 0.4515,
0.4680

64.0637, 0.3207,
0.3391

41.9707, 0.4608,
0.4696

67.4425, 0.3059,
0.3203

■ 41.1505, 0.4645,
0.4694

■ 71.0309, 0.2924,
0.3027

■ 74.2161, 0.2856,
0.2956

■ 76.7304, 0.2858,
0.3006

■ 79.3130, 0.2860,
0.3056

Harmonies

Analogous

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



52.5196, 0.4182, 0.3863



52.5196, 0.3898, 0.4184



52.5196, 0.3419, 0.4274

Triad

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



52.5196, 0.3898, 0.4184



52.5196, 0.2189, 0.2991



52.5196, 0.3306, 0.2685

Complementary

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



52.5196, 0.3898, 0.4184



26.3417, 0.2330, 0.2191

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.



52.5196, 0.2768, 0.2474



52.5196, 0.3898, 0.4184



52.5196, 0.2165, 0.2609

Square

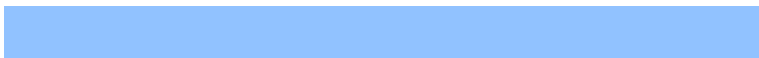
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.5196, 0.3898, 0.4184



52.5196, 0.2441, 0.3526



52.5196, 0.2365, 0.2440



52.5196, 0.3834, 0.3029

Rectangle

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



52.5196, 0.3898, 0.4184



52.5196, 0.3060, 0.4149



52.5196, 0.2365, 0.2440



52.5196, 0.3119, 0.2598

Sweetspot

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



52.5220, 0.3898, 0.4184



93.0357, 0.3348, 0.3565



28.3272, 0.4044, 0.3014



19.6954, 0.3384, 0.3608



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.



52.5220, 0.3898, 0.4184



76.3606, 0.4064, 0.4348



58.8248, 0.3583, 0.4482



14.0382, 0.3272, 0.3471



25.5625, 0.4637, 0.4700



1.6585, 0.4546, 0.4773

Inverse Universe

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



26.3417, 0.2330, 0.2191



32.0074, 0.2153, 0.1919



22.9534, 0.2489, 0.1956



12.4441, 0.2982, 0.3102



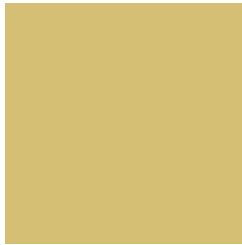
4.2775, 0.1566, 0.0836



0.3825, 0.1656, 0.1162

Previews

White Background



This preview shows how the Yxy color 52.5196, 0.3898, 0.4184 looks on a white background.

Color Contrast Check

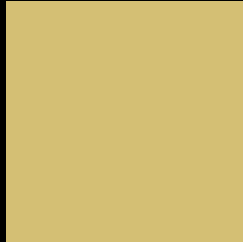
Large Text (above 18pt) WCAG AA × Fail

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 52.5196, 0.3898, 0.4184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

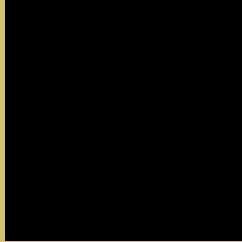
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5196, 0.3898, 0.4184

Background



This preview shows how black text looks on a background with the Yxy color 52.5196, 0.3898, 0.4184.



This preview shows how white text looks on a background with the Yxy color 52.5196, 0.3898, 0.4184.

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

52.5196, 0.3898, 0.4184

Protanopia

52.6619, 0.3875, 0.4201

Deuteranopia

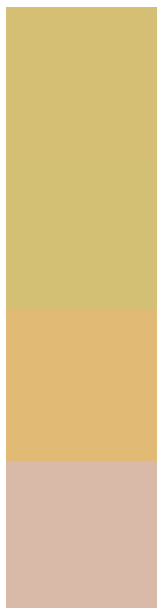
52.3308, 0.4107, 0.4018



Tritanopia

52.2489, 0.3341, 0.3117

Trichromacy



Original Color

52.5196, 0.3898, 0.4184

Protanomaly

52.8091, 0.3884, 0.4197

Deuteranomaly

52.4097, 0.4034, 0.4080

Tritanomaly

52.2397, 0.3552, 0.3505

Monochromacy



Original Color

52.5196, 0.3898, 0.4184

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3059, 0.3406, 0.3643

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5196, 0.3898, 0.4184 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(212, 191, 116)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 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(212, 191, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 116) }
```

Border

The CSS property to change the border of an element to Yxy 52.5196, 0.3898, 0.4184 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(212, 191, 116) }
```

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

```
.border{ border-color:rgb(212, 191, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 116);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5196, 0.3898, 0.4184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 116) }
```

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

```
.background{ background-color: rgb(212,  
191, 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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