

Converting Colors

$Yxy(44.2884, 0.4237, 0.4664)$

Have a look what the booklet for
Yxy(44.2884, 0.4237, 0.4664)
contains.

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Color

Yxy(44.2884, 0.4237, 0.4664)

Conversions

Conversions Part 1

Format	Color
Hex	C7B23A
RGB	199, 178, 58
RGB Percent	78%, 70%, 23%
CMY	0.2197, 0.3019, 0.7724
CMYK	0.00, 0.11, 0.71, 0.22
HSL	51°, 56%, 50%
HSV	51°, 71%, 78%
XYZ	40.2337, 44.2884, 10.4359
YIQ	170.5990, 51.0360, -32.8680

Conversions

Conversions Part 2

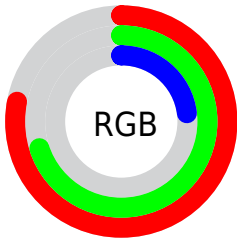
Format	Color
R _Y B	83, 199, 58
Decimal	13087290
CIE Lab	72.42, -5.70, 60.92
CIE LCh	72, 61.188, 95.347
Yxy	44.2884, 0.4237, 0.4664
Android (android.graphics.Color)	4291277370 (0xFFC7B23A)
YUV	170.5990, -55.5113, 24.9077
Hunter-Lab	66.5495, -8.5463, 37.2872

Details

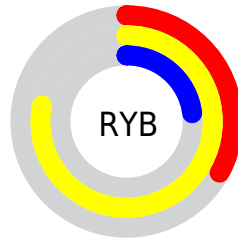
The Yxy color **44.2884, 0.4237, 0.4664** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **10.6161, 0.1839, 0.1315**, and the grayscale version is **40.7794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7077, 0.4049, 0.4458**, and **20.5844, 0.4389, 0.4897** is the 20% darker color. If you saturate the color by 10%, you get **42.9601, 0.4347, 0.4759**, and if you desaturate by 10%, it is **45.7245, 0.4103, 0.4527**.

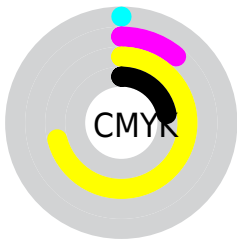
Distribution



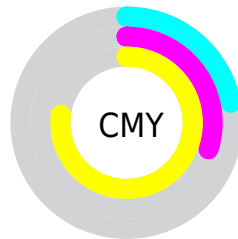
- Red (78%)
- Green (70%)
- Blue (23%)



- Red (33%)
- Yellow (78%)
- Blue (23%)



- Cyan (0%)
- Magenta (11%)
- Yellow (71%)
- Black (22%)





- Cyan (22%)
- Magenta (30%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2884, 0.4237, 0.4664 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 44.2884, 0.4237, 0.4664 by changing the saturation by 10% instead.


 44.2884, 0.4237,
0.4664

 44.2884, 0.4237,
0.4664


363.8839, 0.3731,
0.4014

 30.8973, 0.4334,
0.4799


 81.6515, 0.4072,
0.4445


 20.5207, 0.4439,
0.4952


 106.3924, 0.4004,
0.4357


 12.7741, 0.4541,
0.5117


 135.6852, 0.3944,
0.4281

 7.2732, 0.4666,
0.5334

 169.9145, 0.3891,
0.4214

 3.6335, 0.4611,
0.5389

 209.4646, 0.3844,
0.4155

 1.4707, 0.4517,
0.5483

254.7200, 0.3802,

 0.2680, 0.3012,

0.4102

0.6988

306.0649, 0.3765,
0.4056

0.0000, 0.0000,
0.0000

44.2884, 0.4237,
0.4664

44.2884, 0.4237,
0.4664

42.9601, 0.4347,
0.4759

45.7245, 0.4103,
0.4527

41.7237, 0.4429,
0.4809

47.2705, 0.3950,
0.4356

40.6558, 0.4484,
0.4822

48.9355, 0.3787,
0.4160

50.7260, 0.3619,
0.3949

52.6482, 0.3452,
0.3732

■ 54.7073, 0.3291,
0.3516

■ 56.9085, 0.3139,
0.3307

■ 59.2567, 0.2998,
0.3108

■ 61.7565, 0.2868,
0.2923

Harmonies

Analogous

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



44.2884, 0.4744, 0.4109



44.2884, 0.4237, 0.4664



44.2884, 0.3476, 0.4900

Triad

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



44.2884, 0.4237, 0.4664



44.2884, 0.1704, 0.2732



44.2884, 0.3436, 0.2402

Complementary

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



44.2884, 0.4237, 0.4664



10.6161, 0.1839, 0.1315

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.



44.2884, 0.2592, 0.2089



44.2884, 0.4237, 0.4664



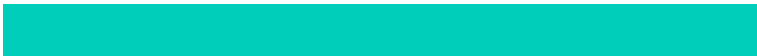
44.2884, 0.1701, 0.2203

Square

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



44.2884, 0.4237, 0.4664



44.2884, 0.2028, 0.3598



44.2884, 0.1996, 0.2008



44.2884, 0.4293, 0.2895

Rectangle

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



44.2884, 0.4237, 0.4664



44.2884, 0.2929, 0.4713



44.2884, 0.1996, 0.2008



44.2884, 0.3137, 0.2275

Sweetspot

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



44.2905, 0.4237, 0.4664



92.0406, 0.3460, 0.3742



15.7364, 0.5163, 0.3068



19.4942, 0.3506, 0.3803



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.



44.2905, 0.4237, 0.4664



74.0472, 0.4395, 0.4792



47.5931, 0.3635, 0.5134



12.1377, 0.3269, 0.3485



26.2506, 0.4479, 0.4825



1.3181, 0.4411, 0.4880

Inverse Universe

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



10.6161, 0.1839, 0.1315



12.0791, 0.1634, 0.0936



10.3014, 0.2153, 0.1237



10.5379, 0.2983, 0.3087



3.3163, 0.1537, 0.0732



0.2408, 0.1626, 0.1054

Previews

White Background



This preview shows how the Yxy color 44.2884, 0.4237, 0.4664 looks on a white background.

Color Contrast Check

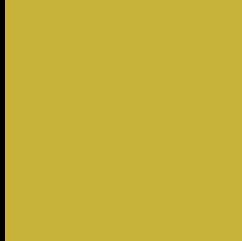
Large Text (above 18pt) WCAG AA × Fail

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 44.2884, 0.4237, 0.4664 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 44.2884, 0.4237, 0.4664

Background



This preview shows how black text looks on a background with the Yxy color 44.2884, 0.4237, 0.4664.



This preview shows how white text looks on a background with the Yxy color 44.2884, 0.4237, 0.4664.

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

44.2884, 0.4237, 0.4664

Protanopia

44.2884, 0.4237, 0.4664

Deuteranopia

44.2425, 0.4517, 0.4426



Tritanopia

44.0824, 0.3415, 0.3131

Trichromacy



Original Color

44.2884, 0.4237, 0.4664

Protanomaly

44.2884, 0.4237, 0.4664

Deuteranomaly

44.1274, 0.4421, 0.4506

Tritanomaly

43.4779, 0.3774, 0.3735

Monochromacy



Original Color

44.2884, 0.4237, 0.4664

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.7076, 0.3569, 0.3895

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2884, 0.4237, 0.4664 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(199, 178, 58)` looks like.

```
.text, #text, p{  
    color:rgb(199, 178, 58)  
}
```

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(199, 178, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 178, 58) }
```

Border

The CSS property to change the border of an element to Yxy 44.2884, 0.4237, 0.4664 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(199, 178, 58) }
```

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

```
.border{ border-color:rgb(199, 178, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 178, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 178, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 178, 58);  
box-shadow:4px 4px 4px 4px rgb(199, 178,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2884, 0.4237, 0.4664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 178, 58) }
```

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

```
.background{ background-color: rgb(199,  
178, 58) }
```

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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