

Converting Colors

$Yxy(47.2654, 0.4246, 0.4846)$

Have a look what the booklet for
Yxy(47.2654, 0.4246, 0.4846)
contains.

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Color

Yxy(47.4064, 0.4243, 0.4849)

Conversions

Conversions Part 1

Format	Color
Hex	C7BA27
RGB	199, 186, 39
RGB Percent	78%, 73%, 15%
CMY	0.2195, 0.2706, 0.8473
CMYK	0.00, 0.07, 0.80, 0.22
HSL	55°, 67%, 47%
HSV	55°, 80%, 78%
XYZ	41.4818, 47.4064, 8.8771
YIQ	173.1290, 54.9350, -42.9610

Conversions

Conversions Part 2

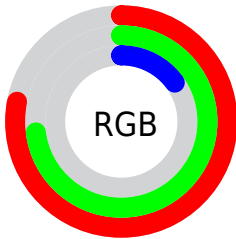
Format	Color
RYB	53, 199, 39
Decimal	13089319
CIELab	74.45, -10.60, 69.22
CIELCh	74, 70.031, 98.707
Yxy	47.4064, 0.4243, 0.4849
Android (android.graphics.Color)	4291279399 (0xFFC7BA27)
YUV	173.1290, -66.1256, 22.6889
Hunter-Lab	68.8523, -12.9497, 40.5524

Details

The Yxy color **47.4064, 0.4243, 0.4849** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **7.0066, 0.1669, 0.0945**, and the grayscale version is **42.1804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6461, 0.4065, 0.4630**, and **22.4378, 0.4293, 0.4973** is the 20% darker color. If you saturate the color by 10%, you get **46.6314, 0.4305, 0.4909**, and if you desaturate by 10%, it is **48.2627, 0.4153, 0.4745**.

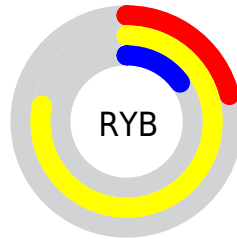
Distribution



Red (78%)

Green (73%)

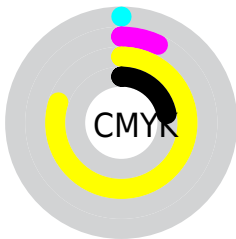
Blue (15%)



Red (21%)

Yellow (78%)

Blue (15%)

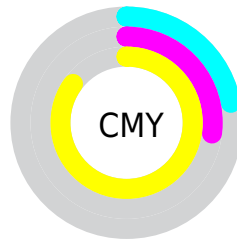


Cyan (0%)

Magenta (7%)

Yellow (80%)

Black (22%)



Cyan (22%)


Magenta (27%)

Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4064, 0.4243, 0.4849 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 47.4064, 0.4243, 0.4849 by changing the saturation by 10% instead.

 47.4064, 0.4243,
0.4849


 47.4064, 0.4243,
0.4849


376.4344, 0.3763,
0.4126

 33.3570, 0.4324,
0.4993


 86.3199, 0.4096,
0.4610


 22.4001, 0.4402,
0.5152


 111.9529, 0.4032,
0.4513


 14.1512, 0.4474,
0.5331


 142.2159, 0.3974,
0.4427

 8.2259, 0.4500,
0.5500

 177.4932, 0.3923,
0.4352

 4.2398, 0.4405,
0.5595

 218.1693, 0.3876,
0.4285

 1.8086, 0.4247,
0.5753

 264.6287, 0.3835,

 0.4925, 0.2983,

0.4226

0.7017

317.2555, 0.3797,
0.4173

■ 0.0000, 0.0000,
0.0000

■ 47.4064, 0.4243,
0.4849

■ 47.4064, 0.4243,
0.4849

■ 46.6314, 0.4305,
0.4909

■ 48.2627, 0.4153,
0.4745

■ 45.9429, 0.4344,
0.4933

■ 49.2032, 0.4039,
0.4599

■ 50.2380, 0.3904,
0.4418

■ 51.3744, 0.3755,
0.4211

■ 52.6186, 0.3598,
0.3987

■ 53.9763, 0.3440,
0.3755

■ 55.4531, 0.3283,
0.3524

■ 57.0538, 0.3134,
0.3300

■ 58.7831, 0.2993,
0.3086

Harmonies

Analogous

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



47.4064, 0.4862, 0.4232



47.4064, 0.4243, 0.4849



47.4064, 0.3386, 0.5094

Triad

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



47.4064, 0.4243, 0.4849



47.4064, 0.1552, 0.2569



47.4064, 0.3579, 0.2367

Complementary

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



47.4064, 0.4243, 0.4849



7.0066, 0.1669, 0.0945

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.



47.4064, 0.2622, 0.2004



47.4064, 0.4243, 0.4849



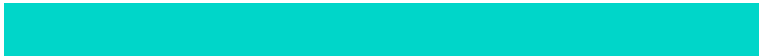
47.4064, 0.1590, 0.2048

Square

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



47.4064, 0.4243, 0.4849



47.4064, 0.1852, 0.3503



47.4064, 0.1941, 0.1884



47.4064, 0.4520, 0.2912

Rectangle

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



47.4064, 0.4243, 0.4849



47.4064, 0.2789, 0.4837



47.4064, 0.1941, 0.1884



47.4064, 0.3241, 0.2222

Sweetspot

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



47.4086, 0.4243, 0.4849



93.5306, 0.3502, 0.3846



13.8422, 0.5740, 0.3190



19.8366, 0.3559, 0.3930



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.



47.4086, 0.4243, 0.4849



80.6238, 0.4337, 0.4927



45.9343, 0.3552, 0.5374



12.2637, 0.3267, 0.3500



29.5961, 0.4342, 0.4935



1.4461, 0.4307, 0.4962

Inverse Universe

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



7.0066, 0.1669, 0.0945



8.0891, 0.1523, 0.0664



8.6132, 0.2107, 0.1072



10.4238, 0.2983, 0.3071



2.9465, 0.1517, 0.0659



0.1886, 0.1572, 0.0858

Previews

White Background



This preview shows how the Yxy color 47.4064, 0.4243, 0.4849 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 47.4064, 0.4243, 0.4849 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 47.4064, 0.4243, 0.4849

Background



This preview shows how black text looks on a background with the Yxy color 47.4064, 0.4243, 0.4849.



This preview shows how white text looks on a background with the Yxy color 47.4064, 0.4243, 0.4849.

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

47.4064, 0.4243, 0.4849

Protanopia

47.5427, 0.4328, 0.4791

Deuteranopia

47.2846, 0.4612, 0.4521



Tritanopia

47.1766, 0.3341, 0.3122

Trichromacy



Original Color

47.4064, 0.4243, 0.4849

Protanomaly

47.5344, 0.4291, 0.4819

Deuteranomaly

47.0753, 0.4485, 0.4633

Tritanomaly

46.6561, 0.3767, 0.3854

Monochromacy



Original Color

47.4064, 0.4243, 0.4849

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

43.2411, 0.3615, 0.4024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4064, 0.4243, 0.4849 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, 186, 39)` looks like.

```
.text, #text, p{  
    color:rgb(199, 186, 39)  
}
```

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, 186, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 186, 39) }
```

Border

The CSS property to change the border of an element to Yxy 47.4064, 0.4243, 0.4849 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, 186, 39) }
```

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

```
.border{ border-color:rgb(199, 186, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 186, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 186, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 186, 39);  
box-shadow:4px 4px 4px 4px rgb(199, 186,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4064, 0.4243, 0.4849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 186, 39) }
```

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

```
.background{ background-color: rgb(199,  
186, 39) }
```

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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