

Converting Colors

$Y_{xy}(43.2808, 0.4239, 0.4481)$

Have a look what the booklet for
Yxy(43.2808, 0.4239, 0.4481)
contains.

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Color

Yxy(43.0515, 0.4240, 0.4480)

Conversions

Conversions Part 1

Format	Color
Hex	CBAD48
RGB	203, 173, 72
RGB Percent	80%, 68%, 28%
CMY	0.2039, 0.3216, 0.7175
CMYK	0.00, 0.15, 0.65, 0.20
HSL	46°, 56%, 54%
HSV	46°, 65%, 80%
XYZ	40.7452, 43.0515, 12.3004
YIQ	170.4560, 50.3010, -25.0510

Conversions

Conversions Part 2

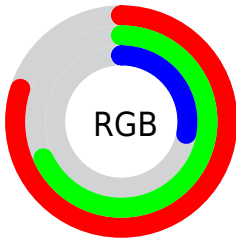
Format	Color
RYB	111, 203, 72
Decimal	13348168
CIELab	71.59, -0.54, 54.33
CIELCh	72, 54.337, 90.565
Yxy	43.0515, 0.4240, 0.4480
Android (android.graphics.Color)	4291538248 (0xFFCBAD48)
YUV	170.4560, -48.5388, 28.5411
Hunter-Lab	65.6136, -3.9778, 34.8146

Details

The Yxy color **43.0515, 0.4240, 0.4480** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **15.2055, 0.1982, 0.1655**, and the grayscale version is **40.6702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2275, 0.4003, 0.4308**, and **19.8202, 0.4483, 0.4732** is the 20% darker color. If you saturate the color by 10%, you get **41.0775, 0.4394, 0.4591**, and if you desaturate by 10%, it is **45.1792, 0.4068, 0.4332**.

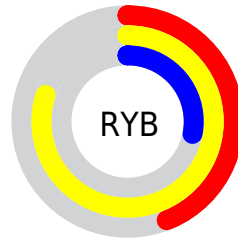
Distribution



Red (80%)

Green (68%)

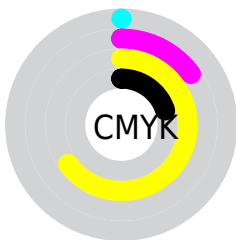
Blue (28%)



Red (44%)

Yellow (80%)

Blue (28%)

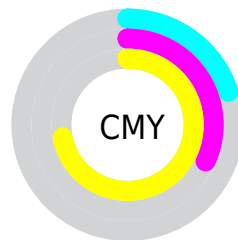


Cyan (0%)

Magenta (15%)

Yellow (65%)

Black (20%)



Cyan (20%)


Magenta (32%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0515, 0.4240, 0.4480 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 43.0515, 0.4240, 0.4480 by changing the saturation by 10% instead.


 43.0515, 0.4240,
0.4480


 43.0515, 0.4240,
0.4480


358.8235, 0.3713,
0.3915

 29.9255, 0.4351,
0.4600


 79.7886, 0.4061,
0.4288

 19.7821, 0.4478,
0.4738


 104.1685, 0.3990,
0.4211


 12.2367, 0.4617,
0.4889


 133.0684, 0.3928,
0.4145

 6.9051, 0.4850,
0.5143

 166.8729, 0.3874,
0.4087

 3.4028, 0.4848,
0.5152

 205.9662, 0.3826,
0.4036

 1.3455, 0.4839,
0.5161

250.7329, 0.3784,

 0.1760, 0.4670,

0.3991

0.5330

301.5572, 0.3747,
0.3951

0.0000, 0.0000,
0.0000

43.0515, 0.4240,
0.4480

43.0515, 0.4240,
0.4480

41.0775, 0.4394,
0.4591

45.1792, 0.4068,
0.4332

39.2415, 0.4523,
0.4658

47.4628, 0.3887,
0.4157

37.5339, 0.4623,
0.4678

49.9119, 0.3704,
0.3965

36.6400, 0.4670,
0.4674

52.5334, 0.3525,
0.3766

55.3336, 0.3354,
0.3567

■ 58.3185, 0.3195,
0.3374

■ 61.4936, 0.3048,
0.3190

■ 64.8643, 0.2915,
0.3018

■ 68.4356, 0.2795,
0.2858

Harmonies

Analogous

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



43.0515, 0.4631, 0.3969



43.0515, 0.4240, 0.4480



43.0515, 0.3578, 0.4729

Triad

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



43.0515, 0.4240, 0.4480



43.0515, 0.1857, 0.2906



43.0515, 0.3280, 0.2422

Complementary

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



43.0515, 0.4240, 0.4480



15.2055, 0.1982, 0.1655

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.



43.0515, 0.2542, 0.2164



43.0515, 0.4240, 0.4480



43.0515, 0.1803, 0.2364

Square

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



43.0515, 0.4240, 0.4480



43.0515, 0.2211, 0.3708



43.0515, 0.2034, 0.2131



43.0515, 0.4065, 0.2857

Rectangle

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



43.0515, 0.4240, 0.4480



43.0515, 0.3080, 0.4614



43.0515, 0.2034, 0.2131



43.0515, 0.3016, 0.2313

Sweetspot

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



43.0536, 0.4240, 0.4480



90.3829, 0.3434, 0.3661



18.3099, 0.4708, 0.2934



19.0570, 0.3483, 0.3719



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.



43.0536, 0.4240, 0.4480



67.6686, 0.4443, 0.4620



51.5196, 0.3712, 0.4941



12.6438, 0.3271, 0.3468



23.4580, 0.4662, 0.4681



1.3195, 0.4552, 0.4768

Inverse Universe

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



15.2055, 0.1982, 0.1655



17.9681, 0.1774, 0.1288



12.0768, 0.2151, 0.1356



11.2542, 0.2983, 0.3106



4.1290, 0.1572, 0.0860



0.3318, 0.1678, 0.1240

Previews

White Background



This preview shows how the Yxy color 43.0515, 0.4240, 0.4480 looks on a white background.

Color Contrast Check

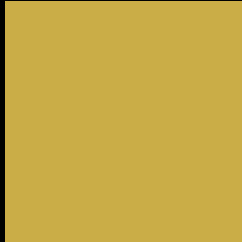
Large Text (above 18pt) WCAG AA × Fail

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 43.0515, 0.4240, 0.4480 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 43.0515, 0.4240, 0.4480

Background



This preview shows how black text looks on a background with the Yxy color 43.0515, 0.4240, 0.4480.



This preview shows how white text looks on a background with the Yxy color 43.0515, 0.4240, 0.4480.

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

43.0515, 0.4240, 0.4480

Protanopia

43.1338, 0.4133, 0.4544

Deuteranopia

43.0373, 0.4420, 0.4326



Tritanopia

42.7847, 0.3478, 0.3132

Trichromacy



Original Color

43.0515, 0.4240, 0.4480

Protanomaly

43.1468, 0.4170, 0.4518

Deuteranomaly

43.0031, 0.4362, 0.4380

Tritanomaly

42.5173, 0.3791, 0.3644

Monochromacy



Original Color

43.0515, 0.4240, 0.4480

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.7921, 0.3554, 0.3799

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0515, 0.4240, 0.4480 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(203, 173, 72)` looks like.

```
.text, #text, p{  
    color:rgb(203, 173, 72)  
}
```

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(203, 173, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 173, 72) }
```

Border

The CSS property to change the border of an element to Yxy 43.0515, 0.4240, 0.4480 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(203, 173, 72) }
```

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

```
.border{ border-color:rgb(203, 173, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 173, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 173, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 173, 72);  
box-shadow:4px 4px 4px 4px rgb(203, 173,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0515, 0.4240, 0.4480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 173, 72) }
```

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

```
.background{ background-color: rgb(203,  
173, 72) }
```

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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