

Converting Colors

$Yxy(44.9417, 0.4381, 0.4696)$

Have a look what the booklet for
Yxy(44.9417, 0.4381, 0.4696)
contains.

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Color

Yxy(44.8915, 0.4382, 0.4694)

Conversions

Conversions Part 1

Format	Color
Hex	CFB12C
RGB	207, 177, 44
RGB Percent	81%, 69%, 17%
CMY	0.1883, 0.3059, 0.8275
CMYK	0.00, 0.14, 0.79, 0.19
HSL	49°, 65%, 49%
HSV	49°, 79%, 81%
XYZ	41.9077, 44.8915, 8.8368
YIQ	170.8080, 60.5730, -35.0030

Conversions

Conversions Part 2

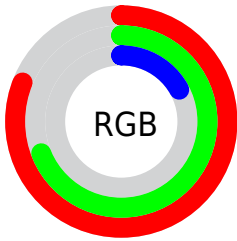
Format	Color
R_{YB}	81, 207, 44
Decimal	13611308
CIE _{Lab}	72.82, -2.29, 66.55
CIE _{LCh}	73, 66.587, 91.969
Yxy	44.8915, 0.4382, 0.4694
Android (android.graphics.Color)	4291801388 (0xFFCFB12C)
YUV	170.8080, -62.5163, 31.7404
Hunter-Lab	67.0011, -5.6043, 39.0810

Details

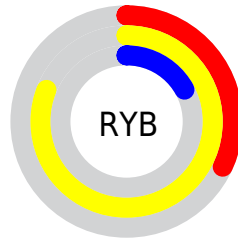
The Yxy color **44.8915, 0.4382, 0.4694** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **9.9334, 0.1738, 0.1171**, and the grayscale version is **40.9203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9128, 0.4110, 0.4533**, and **20.9631, 0.4491, 0.4816** is the 20% darker color. If you saturate the color by 10%, you get **43.2915, 0.4482, 0.4747**, and if you desaturate by 10%, it is **46.6154, 0.4254, 0.4595**.

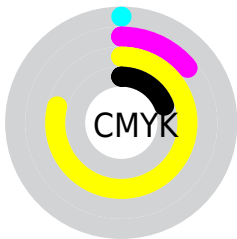
Distribution



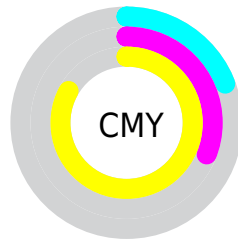
- Red (81%)
- Green (69%)
- Blue (17%)



- Red (32%)
- Yellow (81%)
- Blue (17%)



- Cyan (0%)
- Magenta (14%)
- Yellow (79%)
- Black (19%)





- Cyan (19%)
- Magenta (31%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8915, 0.4382, 0.4694 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 44.8915, 0.4382, 0.4694 by changing the saturation by 10% instead.


 44.8915, 0.4382,
0.4694

 44.8915, 0.4382,
0.4694


366.3340, 0.3818,
0.4053


 31.3720, 0.4486,
0.4817


 82.5576, 0.4202,
0.4486

 20.8823, 0.4595,
0.4948


 107.4729, 0.4126,
0.4400


 13.0380, 0.4710,
0.5092

 136.9556, 0.4059,
0.4324

 7.4547, 0.4791,
0.5209

 171.3901, 0.3999,
0.4257

 3.7481, 0.4770,
0.5230

 211.1608, 0.3947,
0.4197

 1.5336, 0.4734,
0.5266

 256.6521, 0.3899,

 0.3122, 0.4355,

0.4144

0.5645

308.2483, 0.3857,
0.4096

■ 0.0000, 0.0000,
0.0000

■ 44.8915, 0.4382,
0.4694

■ 44.8915, 0.4382,
0.4694

■ 43.2915, 0.4482,
0.4747

■ 46.6154, 0.4254,
0.4595

■ 41.7923, 0.4555,
0.4758

■ 48.4671, 0.4104,
0.4455

■ 41.6096, 0.4563,
0.4759

■ 50.4579, 0.3939,
0.4283

■ 52.5956, 0.3766,
0.4088

■ 54.8873, 0.3592,
0.3882

■ 57.3398, 0.3422,
0.3672

■ 59.9590, 0.3260,
0.3465

■ 62.7508, 0.3109,
0.3266

■ 65.7204, 0.2970,
0.3078

Harmonies

Analogous

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



44.8915, 0.4895, 0.4069



44.8915, 0.4382, 0.4694



44.8915, 0.3583, 0.5038

Triad

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



44.8915, 0.4382, 0.4694



44.8915, 0.1628, 0.2765



44.8915, 0.3345, 0.2293

Complementary

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



44.8915, 0.4382, 0.4694



9.9334, 0.1738, 0.1171

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.



44.8915, 0.2461, 0.1988



44.8915, 0.4382, 0.4694



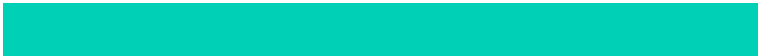
44.8915, 0.1593, 0.2164

Square

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



44.8915, 0.4382, 0.4694



44.8915, 0.2004, 0.3739



44.8915, 0.1867, 0.1930



44.8915, 0.4296, 0.2795

Rectangle

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



44.8915, 0.4382, 0.4694



44.8915, 0.2997, 0.4906



44.8915, 0.1867, 0.1930



44.8915, 0.3026, 0.2166

Sweetspot

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



44.8937, 0.4382, 0.4694



89.6921, 0.3515, 0.3788



15.5947, 0.5373, 0.2997



18.8992, 0.3577, 0.3864



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.



44.8937, 0.4382, 0.4694



67.5972, 0.4537, 0.4758



52.0834, 0.3709, 0.5237



13.4123, 0.3270, 0.3478



26.3459, 0.4557, 0.4763



1.5714, 0.4479, 0.4826

Inverse Universe

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



9.9334, 0.1738, 0.1171



10.2611, 0.1569, 0.0818



8.6260, 0.1958, 0.1014



11.7645, 0.2982, 0.3094



3.8162, 0.1550, 0.0780



0.3216, 0.1640, 0.1103

Previews

White Background



This preview shows how the Yxy color 44.8915, 0.4382, 0.4694 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 44.8915, 0.4382, 0.4694 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 44.8915, 0.4382, 0.4694

Background



This preview shows how black text looks on a background with the Yxy color 44.8915, 0.4382, 0.4694.

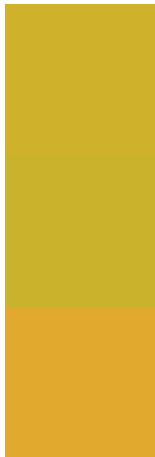


This preview shows how white text looks on a background with the Yxy color 44.8915, 0.4382, 0.4694.

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

44.8915, 0.4382, 0.4694

Protanopia

44.8472, 0.4304, 0.4745

Deuteranopia

44.9622, 0.4601, 0.4503



Tritanopia

44.7235, 0.3492, 0.3135

Trichromacy



Original Color

44.8915, 0.4382, 0.4694

Protanomaly

44.7268, 0.4332, 0.4723

Deuteranomaly

44.9898, 0.4513, 0.4578

Tritanomaly

44.1070, 0.3911, 0.3783

Monochromacy



Original Color

44.8915, 0.4382, 0.4694

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.5582, 0.3645, 0.3944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8915, 0.4382, 0.4694 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(207, 177, 44)` looks like.

```
.text, #text, p{  
    color:rgb(207, 177, 44)  
}
```

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(207, 177, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 177, 44) }
```

Border

The CSS property to change the border of an element to Yxy 44.8915, 0.4382, 0.4694 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(207, 177, 44) }
```

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

```
.border{ border-color:rgb(207, 177, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 177, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 177, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 177, 44);  
box-shadow:4px 4px 4px 4px rgb(207, 177,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8915, 0.4382, 0.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 177, 44) }
```

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

```
.background{ background-color: rgb(207,  
177, 44) }
```

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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