

Converting Colors

Yxy(43.2008, 0.4459, 0.4619)

Have a look what the booklet for
Yxy(43.2008, 0.4459, 0.4619)
contains.

Yxy(43.0169, 0.4464, 0.4614)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.0169, 0.4464, 0.4614)

Conversions

Conversions Part 1

Format	Color
Hex	D2AB2D
RGB	210, 171, 45
RGB Percent	82%, 67%, 18%
CMY	0.1764, 0.3294, 0.8234
CMYK	0.00, 0.19, 0.79, 0.18
HSL	46°, 65%, 50%
HSV	46°, 79%, 82%
XYZ	41.6184, 43.0169, 8.5959
YIQ	168.2970, 63.6900, -30.9180

Conversions

Conversions Part 2

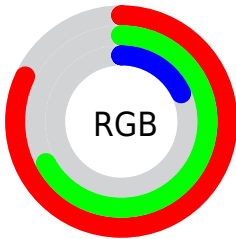
Format	Color
RYB	96, 210, 45
Decimal	13806381
CIELab	71.57, 2.24, 65.18
CIELCh	72, 65.218, 88.032
Yxy	43.0169, 0.4464, 0.4614
Android (android.graphics.Color)	4291996461 (0xFFD2AB2D)
YUV	168.2970, -60.7854, 36.5735
Hunter-Lab	65.5873, -1.5105, 38.1405

Details

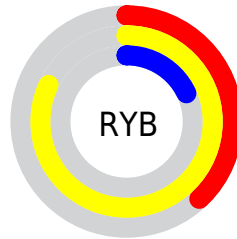
The Yxy color **43.0169, 0.4464, 0.4614** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **11.5619, 0.1769, 0.1287**, and the grayscale version is **39.5966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5923, 0.4146, 0.4486**, and **19.7730, 0.4617, 0.4716** is the 20% darker color. If you saturate the color by 10%, you get **41.0541, 0.4584, 0.4660**, and if you desaturate by 10%, it is **45.1348, 0.4316, 0.4522**.

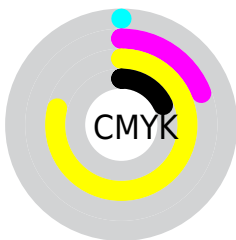
Distribution



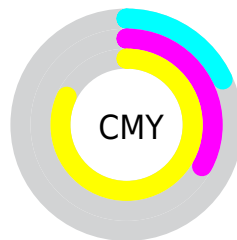
- Red (82%)
- Green (67%)
- Blue (18%)



- Red (38%)
- Yellow (82%)
- Blue (18%)



- Cyan (0%)
- Magenta (19%)
- Yellow (79%)
- Black (18%)





- Cyan (18%)
- Magenta (33%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0169, 0.4464, 0.4614 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 43.0169, 0.4464, 0.4614 by changing the saturation by 10% instead.


 43.0169, 0.4464,
0.4614


 43.0169, 0.4464,
0.4614


358.6813, 0.3851,
0.4016


 29.8984, 0.4582,
0.4725


 79.7364, 0.4264,
0.4422

 19.7615, 0.4708,
0.4841


 104.1061, 0.4182,
0.4342


 12.2218, 0.4849,
0.4966


 132.9950, 0.4109,
0.4271

 6.8949, 0.4954,
0.5046

 166.7875, 0.4045,
0.4208

 3.3965, 0.4976,
0.5024

 205.8680, 0.3988,
0.4152

 1.3420, 0.5013,
0.4987

 250.6208, 0.3937,

 0.1734, 0.5586,

0.4102

0.4414

301.4305, 0.3892,
0.4057

0.0000, 0.0000,
0.0000

43.0169, 0.4464,
0.4614

43.0169, 0.4464,
0.4614

41.0541, 0.4584,
0.4660

45.1348, 0.4316,
0.4522

39.2232, 0.4676,
0.4660

47.4128, 0.4148,
0.4388

38.9659, 0.4689,
0.4659

49.8626, 0.3967,
0.4224

52.4929, 0.3782,
0.4039

55.3114, 0.3599,
0.3843

■ 58.3254, 0.3423,
0.3645

■ 61.5414, 0.3258,
0.3450

■ 64.9659, 0.3106,
0.3264

■ 68.6047, 0.2967,
0.3088

Harmonies

Analogous

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



43.0169, 0.4919, 0.3980



43.0169, 0.4464, 0.4614



43.0169, 0.3695, 0.5012

Triad

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



43.0169, 0.4464, 0.4614



43.0169, 0.1665, 0.2878



43.0169, 0.3218, 0.2246

Complementary

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



43.0169, 0.4464, 0.4614



11.5619, 0.1769, 0.1287

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.



43.0169, 0.2369, 0.1972



43.0169, 0.4464, 0.4614



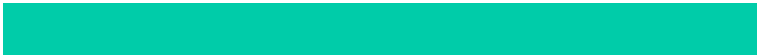
43.0169, 0.1587, 0.2227

Square

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



43.0169, 0.4464, 0.4614



43.0169, 0.2087, 0.3877



43.0169, 0.1820, 0.1950



43.0169, 0.4176, 0.2724

Rectangle

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



43.0169, 0.4464, 0.4614



43.0169, 0.3114, 0.4949



43.0169, 0.1820, 0.1950



43.0169, 0.2908, 0.2129

Sweetspot

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



43.0190, 0.4464, 0.4614



87.7769, 0.3522, 0.3758



16.2600, 0.5223, 0.2907



18.4333, 0.3586, 0.3830



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.



43.0190, 0.4464, 0.4614



61.8271, 0.4646, 0.4664



54.6992, 0.3777, 0.5186



13.3039, 0.3272, 0.3466



23.9266, 0.4680, 0.4666



1.4552, 0.4573, 0.4751

Inverse Universe

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



11.5619, 0.1769, 0.1287



11.9571, 0.1602, 0.0932



8.5258, 0.1895, 0.0983



11.8651, 0.2982, 0.3107



4.3426, 0.1576, 0.0872



0.3682, 0.1675, 0.1230

Previews

White Background



This preview shows how the Yxy color 43.0169, 0.4464, 0.4614 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 43.0169, 0.4464, 0.4614 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 43.0169, 0.4464, 0.4614

Background



This preview shows how black text looks on a background with the Yxy color 43.0169, 0.4464, 0.4614.



This preview shows how white text looks on a background with the Yxy color 43.0169, 0.4464, 0.4614.

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

43.0169, 0.4464, 0.4614

Protanopia

43.1182, 0.4290, 0.4738

Deuteranopia

43.0583, 0.4587, 0.4504



Tritanopia

42.8349, 0.3591, 0.3136

Trichromacy



Original Color

43.0169, 0.4464, 0.4614

Protanomaly

43.0259, 0.4356, 0.4687

Deuteranomaly

42.8015, 0.4545, 0.4543

Tritanomaly

42.2997, 0.3998, 0.3743

Monochromacy



Original Color

43.0169, 0.4464, 0.4614

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.8733, 0.3669, 0.3923

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0169, 0.4464, 0.4614 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(210, 171, 45)` looks like.

```
.text, #text, p{  
    color:rgb(210, 171, 45)  
}
```

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(210, 171, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 171, 45) }
```

Border

The CSS property to change the border of an element to Yxy 43.0169, 0.4464, 0.4614 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(210, 171, 45) }
```

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

```
.border{ border-color:rgb(210, 171, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 171, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 171, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 171, 45);  
box-shadow:4px 4px 4px 4px rgb(210, 171,  
45) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 43.0169, 0.4464, 0.4614$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 171, 45) }
```

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

```
.background{ background-color: rgb(210,  
171, 45) }
```

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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