

Converting Colors

$Yxy(43.2917, 0.4474, 0.4687)$

Have a look what the booklet for
Yxy(43.2917, 0.4474, 0.4687)
contains.

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Color

Yxy(43.1817, 0.4481, 0.4680)

Conversions

Conversions Part 1

Format	Color
Hex	D1AC23
RGB	209, 172, 35
RGB Percent	82%, 67%, 14%
CMY	0.1805, 0.3254, 0.8629
CMYK	0.00, 0.18, 0.83, 0.18
HSL	47°, 71%, 48%
HSV	47°, 83%, 82%
XYZ	41.3456, 43.1817, 7.7413
YIQ	167.4450, 66.0290, -34.7630

Conversions

Conversions Part 2

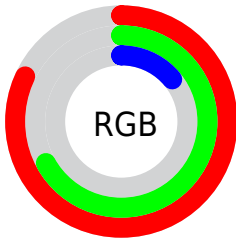
Format	Color
RYB	82, 209, 35
Decimal	13741091
CIELab	71.68, 0.93, 68.31
CIElCh	72, 68.321, 89.223
Yxy	43.1817, 0.4481, 0.4680
Android (android.graphics.Color)	4291931171 (0xFFD1AC23)
YUV	167.4450, -65.2954, 36.4437
Hunter-Lab	65.7128, -2.6877, 39.0143

Details

The Yxy color **43.1817, 0.4481, 0.4680** 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 **9.5824, 0.1697, 0.1121**, and the grayscale version is **39.1709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0063, 0.4174, 0.4544**, and **19.9170, 0.4590, 0.4738** is the 20% darker color. If you saturate the color by 10%, you get **41.4329, 0.4578, 0.4707**, and if you desaturate by 10%, it is **45.0650, 0.4355, 0.4605**.

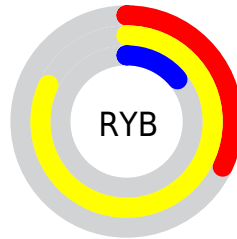
Distribution



Red (82%)

Green (67%)

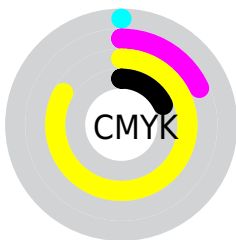
Blue (14%)



Red (32%)

Yellow (82%)

Blue (14%)

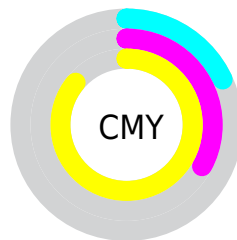


Cyan (0%)

Magenta (18%)

Yellow (83%)

Black (18%)



Cyan (18%)


Magenta (33%)


Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1817, 0.4481, 0.4680 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 43.1817, 0.4481, 0.4680 by changing the saturation by 10% instead.


 43.1817, 0.4481,
0.4680


 43.1817, 0.4481,
0.4680


359.3585, 0.3870,
0.4057

 30.0277, 0.4593,
0.4793


 79.9850, 0.4286,
0.4482


 19.8596, 0.4710,
0.4909


 104.4031, 0.4204,
0.4399


 12.2930, 0.4851,
0.5047


 133.3446, 0.4131,
0.4324

 6.9436, 0.4907,
0.5093

 167.1941, 0.4067,
0.4258

 3.4268, 0.4916,
0.5084

 206.3358, 0.4009,
0.4200

 1.3584, 0.4931,
0.5069

 251.1541, 0.3958,

 0.1858, 0.5174,

0.4147

0.4826

302.0336, 0.3912,
0.4100

■ 0.0000, 0.0000,
0.0000

■ 43.1817, 0.4481,
0.4680

■ 43.1817, 0.4481,
0.4680

■ 41.4329, 0.4578,
0.4707

■ 45.0650, 0.4355,
0.4605

■ 40.3153, 0.4630,
0.4706

■ 47.0883, 0.4204,
0.4487

■ 49.2639, 0.4036,
0.4332

■ 51.6004, 0.3858,
0.4151

■ 54.1057, 0.3678,
0.3955

■ 56.7869, 0.3502,
0.3751

■ 59.6507, 0.3333,
0.3549

■ 62.7033, 0.3176,
0.3352

■ 65.9506, 0.3031,
0.3166

Harmonies

Analogous

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



43.1817, 0.4980, 0.4018



43.1817, 0.4481, 0.4680



43.1817, 0.3671, 0.5096

Triad

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



43.1817, 0.4481, 0.4680



43.1817, 0.1600, 0.2818



43.1817, 0.3258, 0.2223

Complementary

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



43.1817, 0.4481, 0.4680



9.5824, 0.1697, 0.1121

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.



43.1817, 0.2366, 0.1932



43.1817, 0.4481, 0.4680



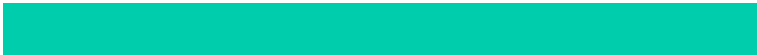
43.1817, 0.1536, 0.2163

Square

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



43.1817, 0.4481, 0.4680



43.1817, 0.2017, 0.3859



43.1817, 0.1788, 0.1895



43.1817, 0.4259, 0.2722

Rectangle

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



43.1817, 0.4481, 0.4680



43.1817, 0.3067, 0.5019



43.1817, 0.1788, 0.1895



43.1817, 0.2933, 0.2100

Sweetspot

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



43.1838, 0.4481, 0.4680



88.2153, 0.3537, 0.3793



15.2278, 0.5505, 0.2985



18.5592, 0.3599, 0.3865



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.



43.1838, 0.4481, 0.4680



62.9570, 0.4636, 0.4701



53.1516, 0.3732, 0.5286



13.3535, 0.3271, 0.3472



25.0104, 0.4623, 0.4712



1.5076, 0.4529, 0.4786

Inverse Universe

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



9.5824, 0.1697, 0.1121



9.8736, 0.1553, 0.0792



7.6981, 0.1869, 0.0912



11.8189, 0.2982, 0.3101



4.0849, 0.1563, 0.0827



0.3468, 0.1659, 0.1172

Previews

White Background



This preview shows how the Yxy color 43.1817, 0.4481, 0.4680 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 43.1817, 0.4481, 0.4680 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 43.1817, 0.4481, 0.4680

Background



This preview shows how black text looks on a background with the Yxy color 43.1817, 0.4481, 0.4680.



This preview shows how white text looks on a background with the Yxy color 43.1817, 0.4481, 0.4680.

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

43.1817, 0.4481, 0.4680

Protanopia

43.1838, 0.4336, 0.4784

Deuteranopia

43.1495, 0.4631, 0.4543



Tritanopia

43.0642, 0.3569, 0.3135

Trichromacy



Original Color

43.1817, 0.4481, 0.4680

Protanomaly

43.3439, 0.4383, 0.4749

Deuteranomaly

43.2612, 0.4578, 0.4591

Tritanomaly

42.4281, 0.4011, 0.3793

Monochromacy



Original Color

43.1817, 0.4481, 0.4680

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.6529, 0.3695, 0.3980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1817, 0.4481, 0.4680 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(209, 172, 35)` looks like.

```
.text, #text, p{  
    color:rgb(209, 172, 35)  
}
```

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(209, 172, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 172, 35) }
```

Border

The CSS property to change the border of an element to Yxy 43.1817, 0.4481, 0.4680 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(209, 172, 35) }
```

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

```
.border{ border-color:rgb(209, 172, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 172, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 172, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 172, 35);  
box-shadow:4px 4px 4px 4px rgb(209, 172,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1817, 0.4481, 0.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 172, 35) }
```

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

```
.background{ background-color: rgb(209,  
172, 35) }
```

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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