

Converting Colors

Yxy(43.2029, 0.4353, 0.4902)

Have a look what the booklet for
Yxy(43.2029, 0.4353, 0.4902)
contains.

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Color

Yxy(43.0661, 0.4355, 0.4900)

Conversions

Conversions Part 1

Format	Color
Hex	C3B109
RGB	195, 177, 9
RGB Percent	76%, 69%, 4%
CMY	0.2353, 0.3059, 0.9654
CMYK	0.00, 0.09, 0.95, 0.24
HSL	54°, 91%, 40%
HSV	54°, 95%, 76%
XYZ	38.2761, 43.0661, 6.5478
YIQ	163.2300, 64.6560, -48.4320

Conversions

Conversions Part 2

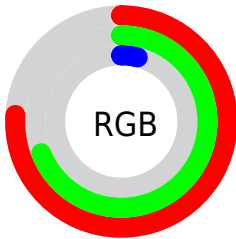
Format	Color
R _Y B	29, 195, 9
Decimal	12824841
CIE Lab	71.60, -8.35, 72.68
CIE LCh	72, 73.156, 96.556
Yxy	43.0661, 0.4355, 0.4900
Android (android.graphics.Color)	4291014921 (0xFFC3B109)
YUV	163.2300, -76.0354, 27.8623
Hunter-Lab	65.6248, -10.7320, 40.0216

Details

The Yxy color **43.0661, 0.4355, 0.4900** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed orange. A complement of this color would be **4.7719, 0.1542, 0.0711**, and the grayscale version is **37.0753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5824, 0.4194, 0.4660**, and **19.9856, 0.4351, 0.4927** is the 20% darker color. If you saturate the color by 10%, you get **42.7134, 0.4374, 0.4909**, and if you desaturate by 10%, it is **43.8838, 0.4301, 0.4863**.

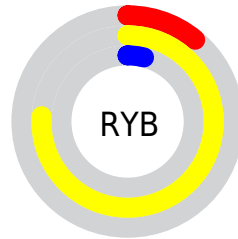
Distribution



Red (76%)

Green (69%)

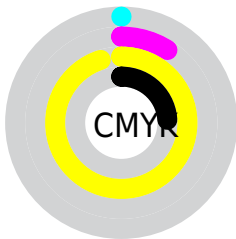
Blue (4%)



Red (11%)

Yellow (76%)

Blue (4%)

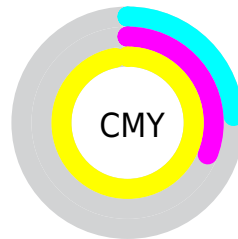


Cyan (0%)

Magenta (9%)

Yellow (95%)

Black (24%)



Cyan (24%)


Magenta (31%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0661, 0.4355, 0.4900 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 43.0661, 0.4355, 0.4900 by changing the saturation by 10% instead.


 43.0661, 0.4355,
0.4900


 43.0661, 0.4355,
0.4900


358.8835, 0.3828,
0.4162


 29.9370, 0.4439,
0.5038


 79.8106, 0.4196,
0.4662


 19.7908, 0.4515,
0.5184


 104.1948, 0.4126,
0.4563

 12.2430, 0.4617,
0.5383


 133.0994, 0.4062,
0.4475

 6.9094, 0.4562,
0.5438

 166.9089, 0.4005,
0.4397

 3.4055, 0.4478,
0.5522

 206.0077, 0.3954,
0.4328

 1.3469, 0.4331,
0.5669

 250.7801, 0.3907,

 0.1771, 0.0000,

0.4267

1.0000

301.6106, 0.3866,
0.4211

■ 0.0000, 0.0000,
0.0000

■ 43.0661, 0.4355,
0.4900

■ 43.0661, 0.4355,
0.4900

■ 42.7134, 0.4374,
0.4909

■ 43.8838, 0.4301,
0.4863

■ 44.7703, 0.4221,
0.4782

■ 45.7377, 0.4114,
0.4658

■ 46.7945, 0.3984,
0.4496

■ 47.9477, 0.3838,
0.4302

■ 49.2037, 0.3682,
0.4088

■ 50.5683, 0.3521,
0.3863

■ 52.0468, 0.3362,
0.3634

■ 53.6442, 0.3208,
0.3410

Harmonies

Analogous

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



43.0661, 0.5002, 0.4212



43.0661, 0.4355, 0.4900



43.0661, 0.3452, 0.5246

Triad

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



43.0661, 0.4355, 0.4900



43.0661, 0.1467, 0.2563



43.0661, 0.3529, 0.2273

Complementary

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



43.0661, 0.4355, 0.4900



4.7719, 0.1542, 0.0711

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.



43.0661, 0.2518, 0.1909



43.0661, 0.4355, 0.4900



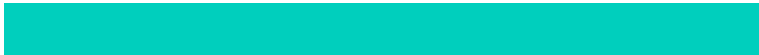
43.0661, 0.1486, 0.1989

Square

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



43.0661, 0.4355, 0.4900



43.0661, 0.1800, 0.3597



43.0661, 0.1828, 0.1801



43.0661, 0.4566, 0.2833

Rectangle

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



43.0661, 0.4355, 0.4900



43.0661, 0.2816, 0.5028



43.0661, 0.1828, 0.1801



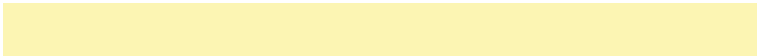
43.0661, 0.3167, 0.2126

Sweetspot

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



43.0682, 0.4355, 0.4900



89.5761, 0.3585, 0.3953



11.8744, 0.6191, 0.3224



19.3856, 0.3655, 0.4051



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.



43.0682, 0.4355, 0.4900



76.2964, 0.4377, 0.4906



43.0796, 0.3529, 0.5552



11.5866, 0.3267, 0.3496



27.8300, 0.4371, 0.4911



1.2517, 0.4327, 0.4946

Inverse Universe

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



4.7719, 0.1542, 0.0711



7.7265, 0.1514, 0.0651



5.9835, 0.1891, 0.0836



9.9011, 0.2983, 0.3075



2.9175, 0.1521, 0.0674



0.1802, 0.1589, 0.0919

Previews

White Background



This preview shows how the Yxy color 43.0661, 0.4355, 0.4900 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 43.0661, 0.4355, 0.4900 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 43.0661, 0.4355, 0.4900

Background



This preview shows how black text looks on a background with the Yxy color 43.0661, 0.4355, 0.4900.

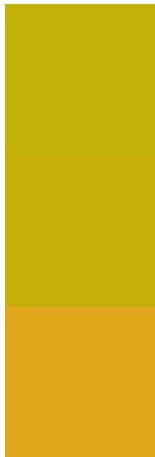


This preview shows how white text looks on a background with the Yxy color 43.0661, 0.4355, 0.4900.

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

43.0661, 0.4355, 0.4900

Protanopia

43.0740, 0.4394, 0.4871

Deuteranopia

42.8680, 0.4692, 0.4579



Tritanopia

43.0637, 0.3397, 0.3141

Trichromacy



Original Color

43.0661, 0.4355, 0.4900

Protanomaly

42.9385, 0.4385, 0.4878

Deuteranomaly

42.7902, 0.4572, 0.4699

Tritanomaly

42.0544, 0.3911, 0.3970

Monochromacy



Original Color

43.0661, 0.4355, 0.4900

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.1808, 0.3733, 0.4151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0661, 0.4355, 0.4900 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(195, 177, 9)` looks like.

```
.text, #text, p{  
    color:rgb(195, 177, 9)  
}
```

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(195, 177, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 177, 9) }
```

Border

The CSS property to change the border of an element to Yxy 43.0661, 0.4355, 0.4900 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(195, 177, 9) }
```

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

```
.border{ border-color:rgb(195, 177, 9) }
```

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

Here you see how a box with a 4 pixel rgb(195, 177, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 177, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 177, 9);  
box-shadow:4px 4px 4px 4px rgb(195, 177,  
9) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0661, 0.4355, 0.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 177, 9) }
```

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

```
.background{ background-color: rgb(195,  
177, 9) }
```

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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