

Converting Colors

$Yxy(43.7471, 0.4146, 0.4294)$

Have a look what the booklet for
Yxy(43.7471, 0.4146, 0.4294)
contains.

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Color

Yxy(43.7471, 0.4146, 0.4294)

Conversions

Conversions Part 1

Format	Color
Hex	CEAD5A
RGB	206, 173, 90
RGB Percent	81%, 68%, 35%
CMY	0.1922, 0.3215, 0.6470
CMYK	0.00, 0.16, 0.56, 0.19
HSL	43°, 54%, 58%
HSV	43°, 56%, 81%
XYZ	42.2393, 43.7471, 15.8932
YIQ	173.4050, 46.3110, -18.8170

Conversions

Conversions Part 2

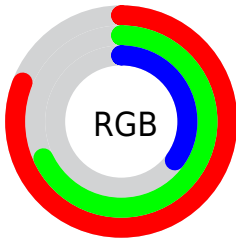
Format	Color
RYB	136, 206, 90
Decimal	13544794
CIELab	72.06, 1.99, 46.52
CIELCh	72, 46.564, 87.545
Yxy	43.7471, 0.4146, 0.4294
Android (android.graphics.Color)	4291734874 (0xFFCEAD5A)
YUV	173.4050, -41.1187, 28.5858
Hunter-Lab	66.1416, -1.7543, 32.0523

Details

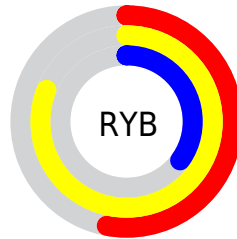
The Yxy color **43.7471, 0.4146, 0.4294** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **20.7916, 0.2148, 0.1991**, and the grayscale version is **42.2041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6998, 0.3899, 0.4154**, and **20.2175, 0.4387, 0.4522** is the 20% darker color. If you saturate the color by 10%, you get **41.2485, 0.4335, 0.4428**, and if you desaturate by 10%, it is **46.4455, 0.3950, 0.4133**.

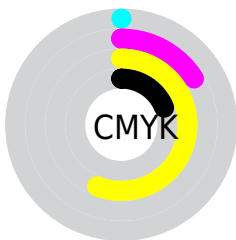
Distribution



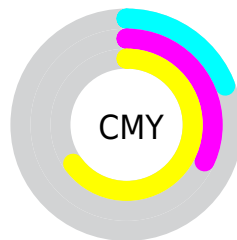
- Red (81%)
- Green (68%)
- Blue (35%)



- Red (53%)
- Yellow (81%)
- Blue (35%)



- Cyan (0%)
- Magenta (16%)
- Yellow (56%)
- Black (19%)




- Cyan (19%)
- Magenta (32%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7471, 0.4146, 0.4294 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 43.7471, 0.4146, 0.4294 by changing the saturation by 10% instead.


 43.7471, 0.4146,
0.4294


 43.7471, 0.4146,
0.4294


361.6753, 0.3652,
0.3812

 30.4717, 0.4257,
0.4400


 80.8371, 0.3974,
0.4128


 20.1969, 0.4390,
0.4526


 105.4204, 0.3907,
0.4062

 12.5383, 0.4548,
0.4672


 134.5420, 0.3849,
0.4006

 7.1114, 0.4739,
0.4844

 168.5860, 0.3799,
0.3957

 3.5319, 0.4964,
0.5036

207.9369, 0.3755,
0.3914

 1.4153, 0.4996,
0.5004

252.9792, 0.3717,

 0.2280, 0.5379,

0.3876

0.4621

304.0972, 0.3683,
0.3843

0.0000, 0.0000,
0.0000

43.7471, 0.4146,
0.4294

43.7471, 0.4146,
0.4294

41.2485, 0.4335,
0.4428

46.4455, 0.3950,
0.4133

38.9339, 0.4507,
0.4523

49.3461, 0.3754,
0.3954

36.7946, 0.4653,
0.4571

52.4585, 0.3565,
0.3768

34.8170, 0.4770,
0.4571

55.7902, 0.3388,
0.3581

34.1176, 0.4809,
0.4564

59.3479, 0.3223,
0.3400

■ 63.1380, 0.3073,
0.3227

■ 67.1666, 0.2938,
0.3065

■ 71.4394, 0.2817,
0.2915

■ 74.5779, 0.2819,
0.2977

Harmonies

Analogous

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



43.7471, 0.4436, 0.3855



43.7471, 0.4146, 0.4294



43.7471, 0.3597, 0.4509

Triad

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



43.7471, 0.4146, 0.4294



43.7471, 0.2043, 0.3036



43.7471, 0.3195, 0.2502

Complementary

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



43.7471, 0.4146, 0.4294



20.7916, 0.2148, 0.1991

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.



43.7471, 0.2571, 0.2292



43.7471, 0.4146, 0.4294



43.7471, 0.1963, 0.2534

Square

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



43.7471, 0.4146, 0.4294



43.7471, 0.2388, 0.3719



43.7471, 0.2144, 0.2292



43.7471, 0.3867, 0.2876

Rectangle

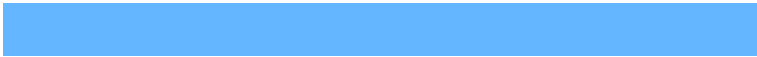
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.7471, 0.4146, 0.4294



43.7471, 0.3167, 0.4429



43.7471, 0.2144, 0.2292



43.7471, 0.2972, 0.2411

Sweetspot

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



43.7492, 0.4146, 0.4294



89.9029, 0.3403, 0.3598



21.9095, 0.4285, 0.2862



19.0030, 0.3439, 0.3636



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.



43.7492, 0.4146, 0.4294



65.8623, 0.4380, 0.4456



54.9134, 0.3731, 0.4722



12.5367, 0.3272, 0.3455



21.1850, 0.4797, 0.4573



1.2180, 0.4653, 0.4687

Inverse Universe

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



20.7916, 0.2148, 0.1991



25.2012, 0.1938, 0.1650



15.2945, 0.2227, 0.1575



11.3548, 0.2983, 0.3119



4.7869, 0.1604, 0.0974



0.3780, 0.1715, 0.1373

Previews

White Background



This preview shows how the Yxy color 43.7471, 0.4146, 0.4294 looks on a white background.

Color Contrast Check

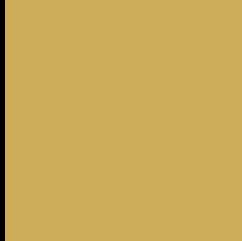
Large Text (above 18pt) WCAG AA × Fail

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 43.7471, 0.4146, 0.4294 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 43.7471, 0.4146, 0.4294

Background



This preview shows how black text looks on a background with the Yxy color 43.7471, 0.4146, 0.4294.



This preview shows how white text looks on a background with the Yxy color 43.7471, 0.4146, 0.4294.

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

43.7471, 0.4146, 0.4294

Protanopia

43.8017, 0.4005, 0.4373

Deuteranopia

43.5123, 0.4281, 0.4185



Tritanopia

43.6251, 0.3496, 0.3134

Trichromacy



Original Color

43.7471, 0.4146, 0.4294

Protanomaly

43.9481, 0.4051, 0.4345

Deuteranomaly

43.6509, 0.4228, 0.4223

Tritanomaly

43.5307, 0.3750, 0.3565

Monochromacy



Original Color

43.7471, 0.4146, 0.4294

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.1846, 0.3497, 0.3697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7471, 0.4146, 0.4294 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(206, 173, 90)` looks like.

```
.text, #text, p{  
    color:rgb(206, 173, 90)  
}
```

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(206, 173, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 173, 90) }
```

Border

The CSS property to change the border of an element to Yxy 43.7471, 0.4146, 0.4294 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(206, 173, 90) }
```

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

```
.border{ border-color:rgb(206, 173, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 173, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 173, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 173, 90);  
box-shadow:4px 4px 4px 4px rgb(206, 173,  
90) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 43.7471, 0.4146, 0.4294$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 173, 90) }
```

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

```
.background{ background-color: rgb(206,  
173, 90) }
```

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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