

Converting Colors

$Yxy(44.8521, 0.4315, 0.4247)$

Have a look what the booklet for
Yxy(44.8521, 0.4315, 0.4247)
contains.

Yxy(44.8740, 0.4306, 0.4247)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.8740, 0.4306, 0.4247)

Conversions

Conversions Part 1

Format	Color
Hex	DBAB57
RGB	219, 171, 87
RGB Percent	86%, 67%, 34%
CMY	0.1412, 0.3294, 0.6587
CMYK	0.00, 0.22, 0.60, 0.14
HSL	38°, 65%, 60%
HSV	38°, 60%, 86%
XYZ	45.4974, 44.8740, 15.2891
YIQ	175.7760, 55.5720, -15.9480

Conversions

Conversions Part 2

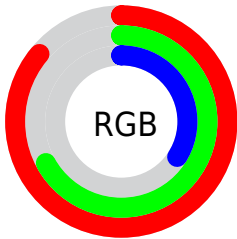
Format	Color
RYB	162, 219, 87
Decimal	14396247
CIELab	72.81, 8.33, 49.17
CIELCh	73, 49.867, 80.382
Yxy	44.8740, 0.4306, 0.4247
Android (android.graphics.Color)	4292586327 (0xFFDBAB57)
YUV	175.7760, -43.7666, 37.9074
Hunter-Lab	66.9881, 4.0057, 33.3595

Details

The Yxy color **44.8740, 0.4306, 0.4247** 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 **24.4803, 0.2111, 0.2035**, and the grayscale version is **43.5069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5168, 0.3927, 0.4164**, and **20.8981, 0.4591, 0.4439** is the 20% darker color. If you saturate the color by 10%, you get **41.6516, 0.4522, 0.4352**, and if you desaturate by 10%, it is **48.3907, 0.4084, 0.4110**.

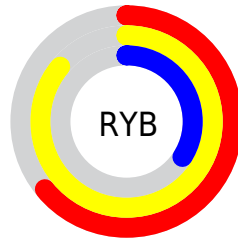
Distribution



Red (86%)

Green (67%)

Blue (34%)



Red (64%)

Yellow (86%)

Blue (34%)

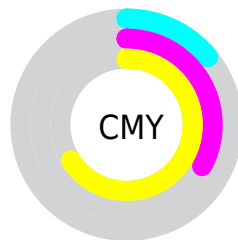


Cyan (0%)

Magenta (22%)

Yellow (60%)

Black (14%)



Cyan (14%)


Magenta (33%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8740, 0.4306, 0.4247 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 44.8740, 0.4306, 0.4247 by changing the saturation by 10% instead.

 44.8740, 0.4306,
0.4247


 44.8740, 0.4306,
0.4247


366.2630, 0.3735,
0.3805


 31.3582, 0.4434,
0.4338


 82.5313, 0.4107,
0.4099

 20.8718, 0.4587,
0.4442

 107.4416, 0.4030,
0.4039


 13.0303, 0.4769,
0.4553


 136.9188, 0.3963,
0.3987

 7.4494, 0.4996,
0.4679

 171.3474, 0.3905,
0.3942

 3.7447, 0.5237,
0.4763

 211.1117, 0.3855,
0.3901

 1.5318, 0.5359,
0.4641

256.5962, 0.3810,

 0.3110, 0.6161,

0.3866

0.3839

308.1851, 0.3770,
0.3834

0.0000, 0.0000,
0.0000

44.8740, 0.4306,
0.4247

44.8740, 0.4306,
0.4247

41.6516, 0.4522,
0.4352

48.3907, 0.4084,
0.4110

38.7035, 0.4720,
0.4414

52.2071, 0.3866,
0.3953

36.0168, 0.4890,
0.4425

56.3364, 0.3658,
0.3786

33.6256, 0.5027,
0.4391

60.7888, 0.3465,
0.3617

65.5739, 0.3289,
0.3452

■ 70.7007, 0.3131,
0.3294

■ 76.1780, 0.2989,
0.3146

■ 81.5388, 0.2905,
0.3080

■ 86.1952, 0.2907,
0.3163

Harmonies

Analogous

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



44.8740, 0.4531, 0.3752



44.8740, 0.4306, 0.4247



44.8740, 0.3772, 0.4562

Triad

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



44.8740, 0.4306, 0.4247



44.8740, 0.2044, 0.3179



44.8740, 0.3026, 0.2390

Complementary

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



44.8740, 0.4306, 0.4247



24.4803, 0.2111, 0.2035

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.



44.8740, 0.2409, 0.2219



44.8740, 0.4306, 0.4247



44.8740, 0.1896, 0.2588

Square

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



44.8740, 0.4306, 0.4247



44.8740, 0.2468, 0.3922



44.8740, 0.2022, 0.2273



44.8740, 0.3750, 0.2746

Rectangle

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



44.8740, 0.4306, 0.4247



44.8740, 0.3328, 0.4561



44.8740, 0.2022, 0.2273



44.8740, 0.2800, 0.2310

Sweetspot

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



44.8762, 0.4306, 0.4247



87.1959, 0.3427, 0.3582



23.6442, 0.4287, 0.2738



18.2522, 0.3481, 0.3631



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.



44.8762, 0.4306, 0.4247



57.7825, 0.4570, 0.4371



63.8238, 0.3833, 0.4773



14.4260, 0.3276, 0.3438



20.1540, 0.5011, 0.4403



1.4674, 0.4843, 0.4536

Inverse Universe

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



24.4803, 0.2111, 0.2035



26.8022, 0.1924, 0.1731



14.9190, 0.2081, 0.1412



13.3887, 0.2981, 0.3137



6.5950, 0.1658, 0.1168



0.5879, 0.1749, 0.1497

Previews

White Background



This preview shows how the Yxy color 44.8740, 0.4306, 0.4247 looks on a white background.

Color Contrast Check

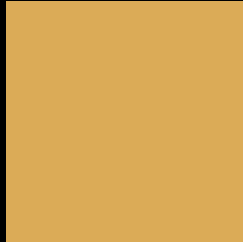
Large Text (above 18pt) WCAG AA × Fail

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 44.8740, 0.4306, 0.4247 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 44.8740, 0.4306, 0.4247

Background



This preview shows how black text looks on a background with the Yxy color 44.8740, 0.4306, 0.4247.



This preview shows how white text looks on a background with the Yxy color 44.8740, 0.4306, 0.4247.

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

44.8740, 0.4306, 0.4247

Protanopia

44.9842, 0.4028, 0.4392

Deuteranopia

44.6532, 0.4323, 0.4233



Tritanopia

44.7145, 0.3634, 0.3140

Trichromacy



Original Color

44.8740, 0.4306, 0.4247

Protanomaly

44.8937, 0.4132, 0.4336

Deuteranomaly

44.6532, 0.4323, 0.4233

Tritanomaly

44.5512, 0.3903, 0.3566

Monochromacy



Original Color

44.8740, 0.4306, 0.4247

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4922, 0.3552, 0.3687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8740, 0.4306, 0.4247 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(219, 171, 87)` looks like.

```
.text, #text, p{  
    color:rgb(219, 171, 87)  
}
```

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(219, 171, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 171, 87) }
```

Border

The CSS property to change the border of an element to Yxy 44.8740, 0.4306, 0.4247 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(219, 171, 87) }
```

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

```
.border{ border-color:rgb(219, 171, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 171, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 171, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 171, 87);  
box-shadow:4px 4px 4px 4px rgb(219, 171,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8740, 0.4306, 0.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 171, 87) }
```

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

```
.background{ background-color: rgb(219,  
171, 87) }
```

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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