

Converting Colors

$Yxy(44.4077, 0.4302, 0.4141)$

Have a look what the booklet for
Yxy(44.4077, 0.4302, 0.4141)
contains.

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Color

Yxy(44.3430, 0.4305, 0.4136)

Conversions

Conversions Part 1

Format	Color
Hex	DEA85E
RGB	222, 168, 94
RGB Percent	87%, 66%, 37%
CMY	0.1293, 0.3412, 0.6314
CMYK	0.00, 0.24, 0.58, 0.13
HSL	35°, 66%, 62%
HSV	35°, 58%, 87%
XYZ	46.1549, 44.3430, 16.7144
YIQ	175.7100, 55.9380, -11.5660

Conversions

Conversions Part 2

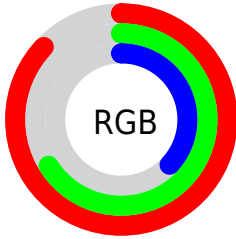
Format	Color
RYB	187, 222, 94
Decimal	14592094
CIELab	72.46, 11.72, 45.42
CIELCh	72, 46.913, 75.529
Yxy	44.3430, 0.4305, 0.4136
Android (android.graphics.Color)	4292782174 (0xFFDEA85E)
YUV	175.7100, -40.2830, 40.5963
Hunter-Lab	66.5905, 7.1875, 31.7314

Details

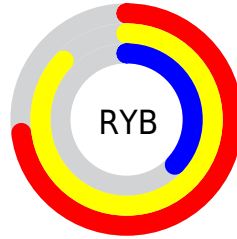
The Yxy color **44.3430, 0.4305, 0.4136** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **28.8469, 0.2177, 0.2211**, and the grayscale version is **43.4508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1107, 0.3894, 0.4071**, and **20.5651, 0.4608, 0.4305** is the 20% darker color. If you saturate the color by 10%, you get **40.6659, 0.4548, 0.4239**, and if you desaturate by 10%, it is **48.3885, 0.4063, 0.4005**.

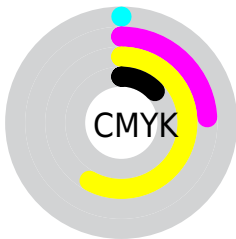
Distribution



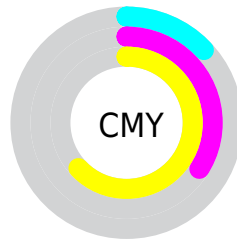
- Red (87%)
- Green (66%)
- Blue (37%)



- Red (73%)
- Yellow (87%)
- Blue (37%)



- Cyan (0%)
- Magenta (24%)
- Yellow (58%)
- Black (13%)




- Cyan (13%)
- Magenta (34%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3430, 0.4305, 0.4136 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 44.3430, 0.4305, 0.4136 by changing the saturation by 10% instead.


 44.3430, 0.4305,
0.4136

 44.3430, 0.4305,
0.4136


364.1061, 0.3727,
0.3747


 30.9403, 0.4439,
0.4216


 81.7336, 0.4101,
0.4006

 20.5534, 0.4601,
0.4307

 106.4903, 0.4023,
0.3954

 12.7979, 0.4799,
0.4406


 135.8004, 0.3955,
0.3908

 7.2895, 0.5042,
0.4503

 170.0483, 0.3897,
0.3868

 3.6438, 0.5385,
0.4615

209.6185, 0.3846,
0.3832

 1.4764, 0.5555,
0.4445

254.8952, 0.3801,

 0.2720, 0.6669,

0.3800

0.3331

306.2630, 0.3762,
0.3772

0.0000, 0.0000,
0.0000

44.3430, 0.4305,
0.4136

44.3430, 0.4305,
0.4136

40.6659, 0.4548,
0.4239

48.3885, 0.4063,
0.4005

37.3352, 0.4779,
0.4301

52.8098, 0.3832,
0.3858

34.3360, 0.4985,
0.4312

57.6222, 0.3618,
0.3703

31.6463, 0.5157,
0.4271

62.8377, 0.3423,
0.3549

31.0564, 0.5195,
0.4257

68.4677, 0.3248,
0.3399

■ 74.5233, 0.3093,
0.3258

■ 81.0149, 0.2956,
0.3126

■ 86.8351, 0.2926,
0.3167

■ 92.5873, 0.2928,
0.3263

Harmonies

Analogous

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



44.3430, 0.4452, 0.3655



44.3430, 0.4305, 0.4136



44.3430, 0.3839, 0.4466

Triad

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



44.3430, 0.4305, 0.4136



44.3430, 0.2147, 0.3299



44.3430, 0.2928, 0.2393

Complementary

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



44.3430, 0.4305, 0.4136



28.8469, 0.2177, 0.2211

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.



44.3430, 0.2370, 0.2263



44.3430, 0.4305, 0.4136



44.3430, 0.1960, 0.2703

Square

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



44.3430, 0.4305, 0.4136



44.3430, 0.2592, 0.3990



44.3430, 0.2038, 0.2355



44.3430, 0.3609, 0.2709

Rectangle

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



44.3430, 0.4305, 0.4136



44.3430, 0.3428, 0.4505



44.3430, 0.2038, 0.2355



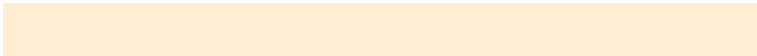
44.3430, 0.2721, 0.2327

Sweetspot

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



44.3452, 0.4305, 0.4136



86.3922, 0.3413, 0.3540



25.7248, 0.4089, 0.2656



18.1712, 0.3450, 0.3571



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.



44.3452, 0.4305, 0.4136



54.7652, 0.4592, 0.4254



67.2897, 0.3880, 0.4684



15.0095, 0.3278, 0.3425



18.6652, 0.5176, 0.4272



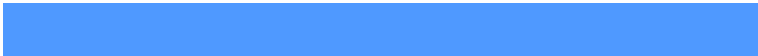
1.4699, 0.4984, 0.4425

Inverse Universe

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



28.8469, 0.2177, 0.2211



31.7702, 0.2001, 0.1943



16.1362, 0.2068, 0.1468



14.1894, 0.2981, 0.3151



8.0657, 0.1704, 0.1335



0.7335, 0.1788, 0.1638

Previews

White Background



This preview shows how the Yxy color 44.3430, 0.4305, 0.4136 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 44.3430, 0.4305, 0.4136 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 44.3430, 0.4305, 0.4136

Background



This preview shows how black text looks on a background with the Yxy color 44.3430, 0.4305, 0.4136.



This preview shows how white text looks on a background with the Yxy color 44.3430, 0.4305, 0.4136.

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

44.3430, 0.4305, 0.4136

Protanopia

44.4396, 0.3965, 0.4314

Deuteranopia

44.4630, 0.4252, 0.4173



Tritanopia

44.2305, 0.3688, 0.3152

Trichromacy



Original Color

44.3430, 0.4305, 0.4136

Protanomaly

44.0958, 0.4085, 0.4246

Deuteranomaly

44.2442, 0.4269, 0.4158

Tritanomaly

43.9926, 0.3936, 0.3516

Monochromacy



Original Color

44.3430, 0.4305, 0.4136

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2999, 0.3547, 0.3646

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3430, 0.4305, 0.4136 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(222, 168, 94)` looks like.

```
.text, #text, p{  
    color:rgb(222, 168, 94)  
}
```

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(222, 168, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 168, 94) }
```

Border

The CSS property to change the border of an element to Yxy 44.3430, 0.4305, 0.4136 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(222, 168, 94) }
```

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

```
.border{ border-color:rgb(222, 168, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 168, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 168, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 168, 94);  
box-shadow:4px 4px 4px 4px rgb(222, 168,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3430, 0.4305, 0.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 168, 94) }
```

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

```
.background{ background-color: rgb(222,  
168, 94) }
```

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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