

Converting Colors

$Yxy(41.1086, 0.4348, 0.4213)$

Have a look what the booklet for
Yxy(41.1086, 0.4348, 0.4213)
contains.

Yxy(41.1306, 0.4345, 0.4212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.1306, 0.4345, 0.4212)

Conversions

Conversions Part 1

Format	Color
Hex	D6A354
RGB	214, 163, 84
RGB Percent	84%, 64%, 33%
CMY	0.1608, 0.3608, 0.6706
CMYK	0.00, 0.24, 0.61, 0.16
HSL	36°, 61%, 58%
HSV	36°, 61%, 84%
XYZ	42.4294, 41.1306, 14.0910
YIQ	169.2430, 55.7550, -13.7570

Conversions

Conversions Part 2

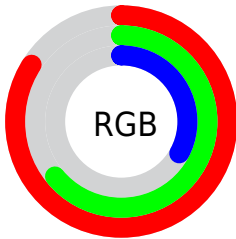
Format	Color
R _Y B	168, 214, 84
Decimal	14066516
CIE Lab	70.27, 10.29, 47.57
CIE LCh	70, 48.673, 77.796
Yxy	41.1306, 0.4345, 0.4212
Android (android.graphics.Color)	4292256596 (0xFFD6A354)
YUV	169.2430, -42.0248, 39.2519
Hunter-Lab	64.1331, 5.8595, 31.8663

Details

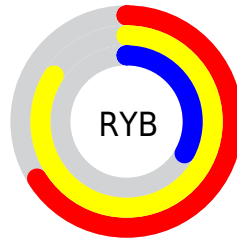
The Yxy color **41.1306, 0.4345, 0.4212** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **24.0687, 0.2118, 0.2084**, and the grayscale version is **39.9956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1804, 0.3983, 0.4120**, and **18.5466, 0.4661, 0.4395** is the 20% darker color. If you saturate the color by 10%, you get **37.9638, 0.4572, 0.4310**, and if you desaturate by 10%, it is **44.6017, 0.4113, 0.4082**.

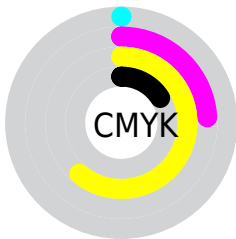
Distribution



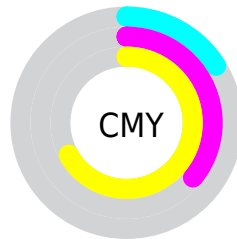
- Red (84%)
- Green (64%)
- Blue (33%)



- Red (66%)
- Yellow (84%)
- Blue (33%)



- Cyan (0%)
- Magenta (24%)
- Yellow (61%)
- Black (16%)





- Cyan (16%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1306, 0.4345, 0.4212 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 41.1306, 0.4345, 0.4212 by changing the saturation by 10% instead.


 41.1306, 0.4345,
0.4212


 41.1306, 0.4345,
0.4212


350.8662, 0.3744,
0.3784

 28.4211, 0.4483,
0.4300


 76.8821, 0.4134,
0.4069


 18.6434, 0.4649,
0.4399


 100.6930, 0.4052,
0.4011


 11.4129, 0.4848,
0.4503


 128.9731, 0.3982,
0.3960

 6.3453, 0.5126,
0.4638

 162.1068, 0.3921,
0.3916

 3.0561, 0.5351,
0.4649

 200.4786, 0.3868,
0.3877

 1.1611, 0.5523,
0.4477

244.4728, 0.3822,

 0.0296, 0.9042,

0.3842

0.0958

294.4739, 0.3781,
0.3811

0.0000, 0.0000,
0.0000

41.1306, 0.4345,
0.4212

41.1306, 0.4345,
0.4212

37.9638, 0.4572,
0.4310

44.6017, 0.4113,
0.4082

35.0819, 0.4783,
0.4364

48.3834, 0.3887,
0.3932

32.4714, 0.4965,
0.4366

52.4887, 0.3674,
0.3772

30.2749, 0.5106,
0.4328

56.9281, 0.3477,
0.3610

61.7114, 0.3298,
0.3452

■ 66.8478, 0.3138,
0.3301

■ 72.3463, 0.2996,
0.3159

■ 78.2020, 0.2872,
0.3030

■ 82.9922, 0.2876,
0.3119

Harmonies

Analogous

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



41.1306, 0.4537, 0.3707



41.1306, 0.4345, 0.4212



41.1306, 0.3829, 0.4553

Triad

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



41.1306, 0.4345, 0.4212



41.1306, 0.2065, 0.3240



41.1306, 0.2965, 0.2364

Complementary

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



41.1306, 0.4345, 0.4212



24.0687, 0.2118, 0.2084

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.



41.1306, 0.2362, 0.2210



41.1306, 0.4345, 0.4212



41.1306, 0.1893, 0.2625

Square

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



41.1306, 0.4345, 0.4212



41.1306, 0.2513, 0.3986



41.1306, 0.1996, 0.2285



41.1306, 0.3692, 0.2707

Rectangle

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



41.1306, 0.4345, 0.4212



41.1306, 0.3387, 0.4580



41.1306, 0.1996, 0.2285



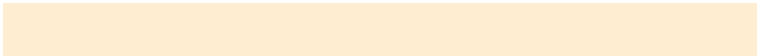
41.1306, 0.2742, 0.2289

Sweetspot

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



41.1326, 0.4345, 0.4212



86.4332, 0.3429, 0.3569



22.4155, 0.4232, 0.2684



18.0655, 0.3484, 0.3616



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.



41.1326, 0.4345, 0.4212



55.1335, 0.4637, 0.4331



61.1514, 0.3872, 0.4760



13.6641, 0.3276, 0.3431



18.5069, 0.5089, 0.4341



1.2753, 0.4894, 0.4496

Inverse Universe

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



24.0687, 0.2118, 0.2084



27.7886, 0.1929, 0.1778



13.7384, 0.2041, 0.1385



12.7999, 0.2982, 0.3144



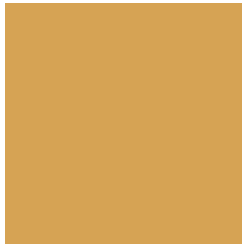
6.9516, 0.1681, 0.1250



0.5781, 0.1777, 0.1598

Previews

White Background



This preview shows how the Yxy color 41.1306, 0.4345, 0.4212 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 41.1306, 0.4345, 0.4212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

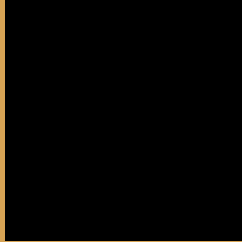
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1306, 0.4345, 0.4212

Background



This preview shows how black text looks on a background with the Yxy color 41.1306, 0.4345, 0.4212.



This preview shows how white text looks on a background with the Yxy color 41.1306, 0.4345, 0.4212.

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

41.1306, 0.4345, 0.4212

Protanopia

41.1403, 0.4019, 0.4385

Deuteranopia

41.1881, 0.4318, 0.4231



Tritanopia

41.0800, 0.3674, 0.3148

Trichromacy



Original Color

41.1306, 0.4345, 0.4212

Protanomaly

41.1899, 0.4137, 0.4323

Deuteranomaly

41.3371, 0.4327, 0.4227

Tritanomaly

40.7969, 0.3950, 0.3548

Monochromacy



Original Color

41.1306, 0.4345, 0.4212

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.7867, 0.3560, 0.3687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1306, 0.4345, 0.4212 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(214, 163, 84)` looks like.

```
.text, #text, p{  
    color:rgb(214, 163, 84)  
}
```

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(214, 163, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 163, 84) }
```

Border

The CSS property to change the border of an element to Yxy 41.1306, 0.4345, 0.4212 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(214, 163, 84) }
```

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

```
.border{ border-color:rgb(214, 163, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 163, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 163, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 163, 84);  
box-shadow:4px 4px 4px 4px rgb(214, 163,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1306, 0.4345, 0.4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 163, 84) }
```

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

```
.background{ background-color: rgb(214,  
163, 84) }
```

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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