

Converting Colors

$Yxy(41.0717, 0.4293, 0.4216)$

Have a look what the booklet for
Yxy(41.0717, 0.4293, 0.4216)
contains.

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Color

Yxy(41.0717, 0.4293, 0.4216)

Conversions

Conversions Part 1

Format	Color
Hex	D3A456
RGB	211, 164, 86
RGB Percent	83%, 64%, 34%
CMY	0.1725, 0.3569, 0.6628
CMYK	0.00, 0.22, 0.59, 0.17
HSL	37°, 59%, 58%
HSV	37°, 59%, 83%
XYZ	41.8218, 41.0717, 14.5251
YIQ	169.1610, 53.0500, -14.2940

Conversions

Conversions Part 2

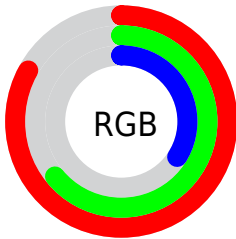
Format	Color
RYB	161, 211, 86
Decimal	13870166
CIELab	70.23, 8.63, 46.47
CIELCh	70, 47.269, 79.475
Yxy	41.0717, 0.4293, 0.4216
Android (android.graphics.Color)	4292060246 (0xFFD3A456)
YUV	169.1610, -40.9984, 36.6928
Hunter-Lab	64.0872, 4.3323, 31.4232

Details

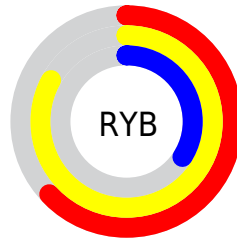
The Yxy color **41.0717, 0.4293, 0.4216** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **23.4582, 0.2135, 0.2088**, and the grayscale version is **39.9483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7580, 0.3965, 0.4110**, and **18.4880, 0.4588, 0.4406** is the 20% darker color. If you saturate the color by 10%, you get **38.0302, 0.4514, 0.4323**, and if you desaturate by 10%, it is **44.3948, 0.4067, 0.4079**.

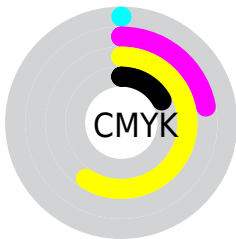
Distribution



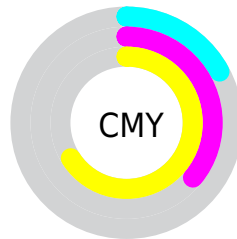
- Red (83%)
- Green (64%)
- Blue (34%)



- Red (63%)
- Yellow (83%)
- Blue (34%)



- Cyan (0%)
- Magenta (22%)
- Yellow (59%)
- Black (17%)




- Cyan (17%)
- Magenta (36%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0717, 0.4293, 0.4216 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 41.0717, 0.4293, 0.4216 by changing the saturation by 10% instead.


 41.0717, 0.4293,
0.4216


 41.0717, 0.4293,
0.4216


350.6202, 0.3717,
0.3781


 28.3751, 0.4426,
0.4308


 76.7927, 0.4090,
0.4069


 18.6086, 0.4586,
0.4412


 100.5860, 0.4012,
0.4010


 11.3878, 0.4778,
0.4526


 128.8469, 0.3945,
0.3959

 6.3283, 0.5040,
0.4669

 161.9598, 0.3887,
0.3914

 3.0457, 0.5276,
0.4724

 200.3092, 0.3836,
0.3875

 1.1557, 0.5424,
0.4576

244.2795, 0.3792,

 0.0250, 0.9036,

0.3840

0.0964

294.2550, 0.3752,
0.3809

0.0000, 0.0000,
0.0000

41.0717, 0.4293,
0.4216

41.0717, 0.4293,
0.4216

38.0302, 0.4514,
0.4323

44.3948, 0.4067,
0.4079

35.2519, 0.4721,
0.4387

48.0047, 0.3847,
0.3924

32.7249, 0.4900,
0.4402

51.9135, 0.3639,
0.3759

30.4277, 0.5048,
0.4368

56.1310, 0.3447,
0.3594

30.2625, 0.5059,
0.4365

60.6659, 0.3273,
0.3432

■ 65.5269, 0.3116,
0.3279

■ 70.7221, 0.2977,
0.3135

■ 76.2593, 0.2853,
0.3001

■ 80.7254, 0.2856,
0.3084

Harmonies

Analogous

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



41.0717, 0.4499, 0.3730



41.0717, 0.4293, 0.4216



41.0717, 0.3779, 0.4528

Triad

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



41.0717, 0.4293, 0.4216



41.0717, 0.2076, 0.3204



41.0717, 0.3009, 0.2400

Complementary

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



41.0717, 0.4293, 0.4216



23.4582, 0.2135, 0.2088

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.



41.0717, 0.2410, 0.2238



41.0717, 0.4293, 0.4216



41.0717, 0.1922, 0.2619

Square

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



41.0717, 0.4293, 0.4216



41.0717, 0.2500, 0.3927



41.0717, 0.2037, 0.2300



41.0717, 0.3715, 0.2745

Rectangle

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



41.0717, 0.4293, 0.4216



41.0717, 0.3346, 0.4533



41.0717, 0.2037, 0.2300



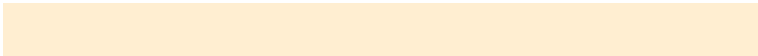
41.0717, 0.2789, 0.2324

Sweetspot

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



41.0737, 0.4293, 0.4216



86.8661, 0.3428, 0.3576



22.2240, 0.4221, 0.2720



18.1714, 0.3482, 0.3625



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.



41.0737, 0.4293, 0.4216



57.2596, 0.4568, 0.4343



59.0604, 0.3841, 0.4740



13.0194, 0.3275, 0.3435



18.4635, 0.5043, 0.4378



1.1823, 0.4847, 0.4534

Inverse Universe

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



23.4582, 0.2135, 0.2088



28.0294, 0.1946, 0.1785



14.1003, 0.2087, 0.1442



12.1357, 0.2982, 0.3141



6.4253, 0.1668, 0.1206



0.5101, 0.1772, 0.1579

Previews

White Background



This preview shows how the Yxy color 41.0717, 0.4293, 0.4216 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 41.0717, 0.4293, 0.4216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

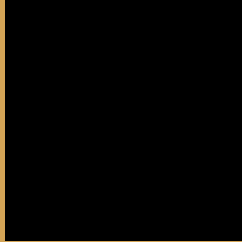
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0717, 0.4293, 0.4216

Background



This preview shows how black text looks on a background with the Yxy color 41.0717, 0.4293, 0.4216.



This preview shows how white text looks on a background with the Yxy color 41.0717, 0.4293, 0.4216.

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

41.0717, 0.4293, 0.4216

Protanopia

41.1735, 0.4005, 0.4363

Deuteranopia

41.2199, 0.4302, 0.4212



Tritanopia

41.1381, 0.3642, 0.3147

Trichromacy



Original Color

41.0717, 0.4293, 0.4216

Protanomaly

41.0863, 0.4112, 0.4306

Deuteranomaly

41.2199, 0.4302, 0.4212

Tritanomaly

40.7358, 0.3895, 0.3539

Monochromacy



Original Color

41.0717, 0.4293, 0.4216

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.6919, 0.3541, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0717, 0.4293, 0.4216 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(211, 164, 86)` looks like.

```
.text, #text, p{  
    color:rgb(211, 164, 86)  
}
```

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(211, 164, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 164, 86) }
```

Border

The CSS property to change the border of an element to Yxy 41.0717, 0.4293, 0.4216 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(211, 164, 86) }
```

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

```
.border{ border-color:rgb(211, 164, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 164, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 164, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 164, 86);  
box-shadow:4px 4px 4px 4px rgb(211, 164,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0717, 0.4293, 0.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 164, 86) }
```

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

```
.background{ background-color: rgb(211,  
164, 86) }
```

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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