

Converting Colors

$Y_{xy}(43.4782, 0.4296, 0.4205)$

Have a look what the booklet for
Yxy(43.4782, 0.4296, 0.4205)
contains.

Yxy(43.4782, 0.4296, 0.4205)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.4782, 0.4296, 0.4205)

Conversions

Conversions Part 1

Format	Color
Hex	D9A859
RGB	217, 168, 89
RGB Percent	85%, 66%, 35%
CMY	0.1490, 0.3411, 0.6510
CMYK	0.00, 0.23, 0.59, 0.15
HSL	37°, 63%, 60%
HSV	37°, 59%, 85%
XYZ	44.4191, 43.4782, 15.4991
YIQ	173.6450, 54.5630, -14.1810

Conversions

Conversions Part 2

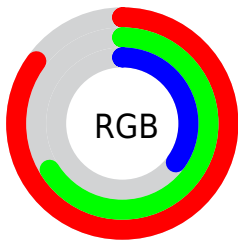
Format	Color
R_{YB}	168, 217, 89
Decimal	14264409
CIE _{Lab}	71.88, 9.23, 47.09
CIE _{LCh}	72, 47.983, 78.912
Yxy	43.4782, 0.4296, 0.4205
Android (android.graphics.Color)	4292454489 (0xFFD9A859)
YUV	173.6450, -41.7300, 38.0223
Hunter-Lab	65.9380, 4.8549, 32.2201

Details

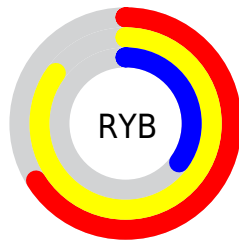
The Yxy color **43.4782, 0.4296, 0.4205** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **25.3016, 0.2140, 0.2105**, and the grayscale version is **42.3332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9584, 0.3927, 0.4118**, and **20.0082, 0.4586, 0.4388** is the 20% darker color. If you saturate the color by 10%, you get **40.1989, 0.4521, 0.4311**, and if you desaturate by 10%, it is **47.0649, 0.4068, 0.4069**.

Distribution



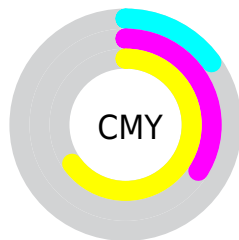
- Red (85%)
- Green (66%)
- Blue (35%)



- Red (66%)
- Yellow (85%)
- Blue (35%)



- Cyan (0%)
- Magenta (23%)
- Yellow (59%)
- Black (15%)





- Cyan (15%)
- Magenta (34%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4782, 0.4296, 0.4205 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 43.4782, 0.4296, 0.4205 by changing the saturation by 10% instead.


 43.4782, 0.4296,
0.4205


 43.4782, 0.4296,
0.4205


360.5747, 0.3724,
0.3780


 30.2605, 0.4427,
0.4293


 80.4320, 0.4095,
0.4062

 20.0364, 0.4584,
0.4394

 104.9369, 0.4018,
0.4005

 12.4215, 0.4774,
0.4504


 133.9729, 0.3951,
0.3955

 7.0314, 0.5013,
0.4625

 167.9245, 0.3893,
0.3911

 3.4818, 0.5285,
0.4715

207.1761, 0.3843,
0.3872

 1.3881, 0.5427,
0.4573

252.1121, 0.3798,

 0.2079, 0.6704,

0.3838

0.3296

303.1168, 0.3759,
0.3807

0.0000, 0.0000,
0.0000

43.4782, 0.4296,
0.4205

43.4782, 0.4296,
0.4205

40.1989, 0.4521,
0.4311

47.0649, 0.4068,
0.4069

37.2074, 0.4731,
0.4375

50.9649, 0.3846,
0.3914

34.4905, 0.4914,
0.4389

55.1913, 0.3636,
0.3751

32.0260, 0.5065,
0.4353

59.7545, 0.3444,
0.3587

31.7886, 0.5080,
0.4349

64.6644, 0.3269,
0.3427

■ 69.9302, 0.3112,
0.3275

■ 75.5607, 0.2973,
0.3133

■ 81.0664, 0.2892,
0.3076

■ 85.9178, 0.2895,
0.3163

Harmonies

Analogous

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



43.4782, 0.4494, 0.3719



43.4782, 0.4296, 0.4205



43.4782, 0.3789, 0.4520

Triad

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



43.4782, 0.4296, 0.4205



43.4782, 0.2085, 0.3218



43.4782, 0.2997, 0.2398

Complementary

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



43.4782, 0.4296, 0.4205



25.3016, 0.2140, 0.2105

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.



43.4782, 0.2403, 0.2241



43.4782, 0.4296, 0.4205



43.4782, 0.1926, 0.2630

Square

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



43.4782, 0.4296, 0.4205



43.4782, 0.2513, 0.3937



43.4782, 0.2036, 0.2307



43.4782, 0.3700, 0.2739

Rectangle

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



43.4782, 0.4296, 0.4205



43.4782, 0.3358, 0.4531



43.4782, 0.2036, 0.2307



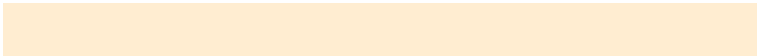
43.4782, 0.2778, 0.2323

Sweetspot

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



43.4803, 0.4296, 0.4205



86.6892, 0.3428, 0.3573



23.7301, 0.4217, 0.2721



18.1281, 0.3483, 0.3621



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.



43.4803, 0.4296, 0.4205



56.7525, 0.4579, 0.4333



62.9079, 0.3839, 0.4737



14.3833, 0.3276, 0.3434



19.4546, 0.5063, 0.4362



1.4250, 0.4884, 0.4504

Inverse Universe

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



25.3016, 0.2140, 0.2105



28.3887, 0.1950, 0.1801



15.0906, 0.2090, 0.1447



13.4300, 0.2981, 0.3142



6.9707, 0.1673, 0.1221



0.6151, 0.1764, 0.1549

Previews

White Background



This preview shows how the Yxy color 43.4782, 0.4296, 0.4205 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 43.4782, 0.4296, 0.4205 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 43.4782, 0.4296, 0.4205

Background



This preview shows how black text looks on a background with the Yxy color 43.4782, 0.4296, 0.4205.



This preview shows how white text looks on a background with the Yxy color 43.4782, 0.4296, 0.4205.

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

43.4782, 0.4296, 0.4205

Protanopia

43.8191, 0.3998, 0.4362

Deuteranopia

43.4782, 0.4296, 0.4205



Tritanopia

43.5838, 0.3649, 0.3150

Trichromacy



Original Color

43.4782, 0.4296, 0.4205

Protanomaly

43.7239, 0.4103, 0.4307

Deuteranomaly

43.4782, 0.4296, 0.4205

Tritanomaly

43.1359, 0.3907, 0.3544

Monochromacy



Original Color

43.4782, 0.4296, 0.4205

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4354, 0.3548, 0.3677

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4782, 0.4296, 0.4205 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(217, 168, 89)` looks like.

```
.text, #text, p{  
    color:rgb(217, 168, 89)  
}
```

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(217, 168, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 168, 89) }
```

Border

The CSS property to change the border of an element to Yxy 43.4782, 0.4296, 0.4205 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(217, 168, 89) }
```

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

```
.border{ border-color:rgb(217, 168, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 168, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 168, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 168, 89);  
box-shadow:4px 4px 4px 4px rgb(217, 168,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4782, 0.4296, 0.4205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 168, 89) }
```

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

```
.background{ background-color: rgb(217,  
168, 89) }
```

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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