

Converting Colors

$Yxy(44.9193, 0.4116, 0.4033)$

Have a look what the booklet for
Yxy(44.9193, 0.4116, 0.4033)
contains.

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Color

Yxy(44.9817, 0.4115, 0.4029)

Conversions

Conversions Part 1

Format	Color
Hex	D9AB6D
RGB	217, 171, 109
RGB Percent	85%, 67%, 43%
CMY	0.1489, 0.3294, 0.5726
CMYK	0.00, 0.21, 0.50, 0.15
HSL	34°, 59%, 64%
HSV	34°, 50%, 85%
XYZ	45.9418, 44.9817, 20.7213
YIQ	177.6860, 47.3180, -9.5300

Conversions

Conversions Part 2

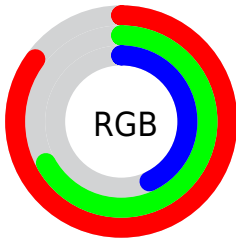
Format	Color
R _{YB}	189, 217, 109
Decimal	14265197
CIE Lab	72.88, 9.30, 38.20
CIE LCh	73, 39.316, 76.324
Yxy	44.9817, 0.4115, 0.4029
Android (android.graphics.Color)	4292455277 (0xFFD9AB6D)
YUV	177.6860, -33.8622, 34.4784
Hunter-Lab	67.0684, 4.9028, 28.6298

Details

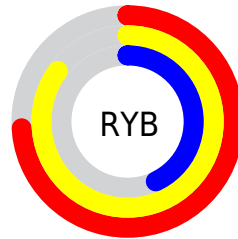
The Yxy color **44.9817, 0.4115, 0.4029** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.7017, 0.2307, 0.2394**, and the grayscale version is **44.5105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2259, 0.3782, 0.3951**, and **20.9935, 0.4375, 0.4192** is the 20% darker color. If you saturate the color by 10%, you get **41.2019, 0.4359, 0.4154**, and if you desaturate by 10%, it is **49.1254, 0.3880, 0.3885**.

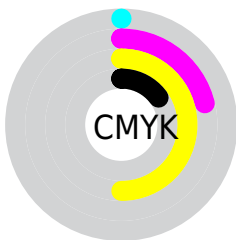
Distribution



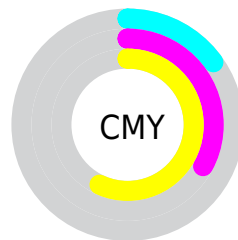
- Red (85%)
- Green (67%)
- Blue (43%)



- Red (74%)
- Yellow (85%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (50%)
- Black (15%)





- Cyan (15%)
- Magenta (33%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9817, 0.4115, 0.4029 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 44.9817, 0.4115, 0.4029 by changing the saturation by 10% instead.

 44.9817, 0.4115,
0.4029

 44.9817, 0.4115,
0.4029

366.6994, 0.3626,
0.3680


 31.4430, 0.4232,
0.4106


 82.6930, 0.3940,
0.3909


 20.9364, 0.4376,
0.4197


 107.6343, 0.3874,
0.3862

 13.0775, 0.4558,
0.4305


 137.1453, 0.3817,
0.3821

 7.4820, 0.4788,
0.4425

 171.6104, 0.3768,
0.3785

 3.7653, 0.5221,
0.4671

211.4140, 0.3725,
0.3754

 1.5432, 0.5412,
0.4588

256.9404, 0.3688,

 0.3188, 0.6244,

0.3726

0.3756

308.5741, 0.3655,
0.3702

0.0000, 0.0000,
0.0000

44.9817, 0.4115,
0.4029

44.9817, 0.4115,
0.4029

41.2019, 0.4359,
0.4154

49.1254, 0.3880,
0.3885

37.7660, 0.4602,
0.4249

53.6391, 0.3662,
0.3732

34.6611, 0.4830,
0.4300


58.5368, 0.3462,
0.3579


31.8702, 0.5032,
0.4300

63.8296, 0.3283,
0.3429

29.3674, 0.5201,
0.4251


69.5280, 0.3124,
0.3287

 29.3165, 0.5204,
0.4250

 75.6420, 0.2983,
0.3154

 81.7963, 0.2893,
0.3090

 87.2490, 0.2896,
0.3186

 92.9811, 0.2900,
0.3281

Harmonies

Analogous

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



44.9817, 0.4236, 0.3629



44.9817, 0.4115, 0.4029



44.9817, 0.3725, 0.4279

Triad

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



44.9817, 0.4115, 0.4029



44.9817, 0.2292, 0.3291



44.9817, 0.2980, 0.2529

Complementary

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



44.9817, 0.4115, 0.4029



31.7017, 0.2307, 0.2394

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.



44.9817, 0.2499, 0.2414



44.9817, 0.4115, 0.4029



44.9817, 0.2131, 0.2796

Square

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



44.9817, 0.4115, 0.4029



44.9817, 0.2672, 0.3852



44.9817, 0.2204, 0.2496



44.9817, 0.3548, 0.2806

Rectangle

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



44.9817, 0.4115, 0.4029



44.9817, 0.3378, 0.4290



44.9817, 0.2204, 0.2496



44.9817, 0.2803, 0.2470

Sweetspot

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



44.9839, 0.4115, 0.4029



87.8188, 0.3376, 0.3508



28.0800, 0.3897, 0.2731



18.4533, 0.3415, 0.3541



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.



44.9839, 0.4115, 0.4029



58.9730, 0.4377, 0.4163



64.4144, 0.3795, 0.4518



14.2864, 0.3277, 0.3424



17.9566, 0.5186, 0.4264



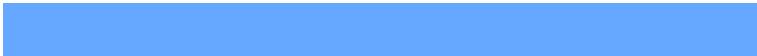
1.3329, 0.4981, 0.4427

Inverse Universe

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



31.7017, 0.2307, 0.2394



37.7442, 0.2135, 0.2156



19.6679, 0.2232, 0.1740



13.5245, 0.2982, 0.3152



7.9113, 0.1708, 0.1348



0.6811, 0.1797, 0.1669

Previews

White Background



This preview shows how the Yxy color 44.9817, 0.4115, 0.4029 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 44.9817, 0.4115, 0.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

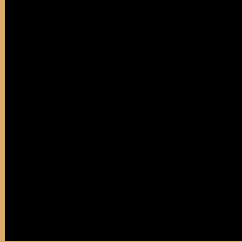
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9817, 0.4115, 0.4029

Background



This preview shows how black text looks on a background with the Yxy color 44.9817, 0.4115, 0.4029.



This preview shows how white text looks on a background with the Yxy color 44.9817, 0.4115, 0.4029.

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

44.9817, 0.4115, 0.4029

Protanopia

45.0122, 0.3833, 0.4153

Deuteranopia

44.9817, 0.4115, 0.4029



Tritanopia

44.9775, 0.3591, 0.3150

Trichromacy



Original Color

44.9817, 0.4115, 0.4029

Protanomaly

44.8949, 0.3934, 0.4105

Deuteranomaly

44.9817, 0.4115, 0.4029

Tritanomaly

44.8790, 0.3794, 0.3472

Monochromacy



Original Color

44.9817, 0.4115, 0.4029

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.1663, 0.3470, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9817, 0.4115, 0.4029 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, 171, 109)` looks like.

```
.text, #text, p{  
    color:rgb(217, 171, 109)  
}
```

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, 171, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 171, 109) }
```

Border

The CSS property to change the border of an element to Yxy 44.9817, 0.4115, 0.4029 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, 171, 109) }
```

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

```
.border{ border-color:rgb(217, 171, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 171, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 171, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 171, 109);  
box-shadow:4px 4px 4px 4px rgb(217, 171,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9817, 0.4115, 0.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 171, 109) }
```

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

```
.background{ background-color: rgb(217,  
171, 109) }
```

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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