

Converting Colors

$Yxy(45.9708, 0.4017, 0.3939)$

Have a look what the booklet for
Yxy(45.9708, 0.4017, 0.3939)
contains.

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Color

Yxy(45.9708, 0.4017, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	D9AD77
RGB	217, 173, 119
RGB Percent	85%, 68%, 47%
CMY	0.1492, 0.3215, 0.5333
CMYK	0.00, 0.20, 0.45, 0.15
HSL	33°, 56%, 66%
HSV	33°, 45%, 85%
XYZ	46.8811, 45.9708, 23.8549
YIQ	180.0000, 43.5580, -7.4660

Conversions

Conversions Part 2

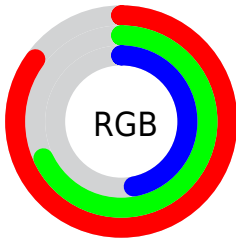
Format	Color
R _Y B	199, 217, 119
Decimal	14265719
CIE Lab	73.53, 9.16, 33.79
CIE LCh	74, 35.008, 74.826
Yxy	45.9708, 0.4017, 0.3939
Android (android.graphics.Color)	4292455799 (0xFFD9AD77)
YUV	180.0000, -30.0730, 32.4490
Hunter-Lab	67.8018, 4.7696, 26.6011

Details

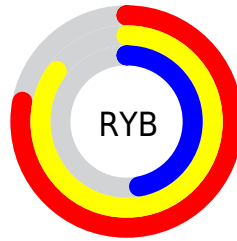
The Yxy color **45.9708, 0.4017, 0.3939** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.1057, 0.2390, 0.2526**, and the grayscale version is **45.7888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7254, 0.3700, 0.3860**, and **21.5780, 0.4260, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **41.9115, 0.4265, 0.4069**, and if you desaturate by 10%, it is **50.4255, 0.3784, 0.3795**.

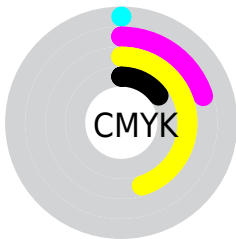
Distribution



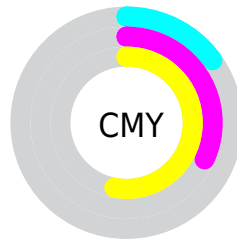
- Red (85%)
- Green (68%)
- Blue (47%)



- Red (78%)
- Yellow (85%)
- Blue (47%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)
- Black (15%)





- Cyan (15%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9708, 0.4017, 0.3939 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 45.9708, 0.4017, 0.3939 by changing the saturation by 10% instead.


 45.9708, 0.4017,
0.3939


 45.9708, 0.4017,
0.3939


370.6912, 0.3575,
0.3631


 32.2228, 0.4124,
0.4008


 84.1753, 0.3858,
0.3832

 21.5317, 0.4257,
0.4092


 109.4006, 0.3798,
0.3790

 13.5132, 0.4428,
0.4194


 139.2204, 0.3747,
0.3754

 7.7829, 0.4650,
0.4313

174.0191, 0.3703,
0.3723

 3.9563, 0.4983,
0.4480

214.1812, 0.3664,
0.3696

 1.6492, 0.5394,
0.4606

260.0909, 0.3631,

 0.3904, 0.6037,

0.3671

0.3963

312.1328, 0.3601,
0.3650

0.0000, 0.0000,
0.0000

45.9708, 0.4017,
0.3939

45.9708, 0.4017,
0.3939

41.9115, 0.4265,
0.4069

50.4255, 0.3784,
0.3795

38.2269, 0.4519,
0.4175

55.2819, 0.3570,
0.3647

34.9042, 0.4767,
0.4243


60.5546, 0.3378,
0.3500


31.9263, 0.4994,
0.4262

66.2550, 0.3207,
0.3359

29.2739, 0.5186,
0.4227


72.3943, 0.3057,
0.3227

 28.0921, 0.5271,
0.4197

 78.9830, 0.2924,
0.3103

 84.9660, 0.2895,
0.3147

 90.8878, 0.2898,
0.3247

 93.4865, 0.2900,
0.3289

Harmonies

Analogous

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



45.9708, 0.4105, 0.3582



45.9708, 0.4017, 0.3939



45.9708, 0.3685, 0.4160

Triad

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



45.9708, 0.4017, 0.3939



45.9708, 0.2397, 0.3321



45.9708, 0.2975, 0.2599

Complementary

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



45.9708, 0.4017, 0.3939



35.1057, 0.2390, 0.2526

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.



45.9708, 0.2551, 0.2505



45.9708, 0.4017, 0.3939



45.9708, 0.2239, 0.2876

Square

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



45.9708, 0.4017, 0.3939



45.9708, 0.2747, 0.3805



45.9708, 0.2293, 0.2593



45.9708, 0.3476, 0.2843

Rectangle

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



45.9708, 0.4017, 0.3939



45.9708, 0.3380, 0.4172



45.9708, 0.2293, 0.2593



45.9708, 0.2819, 0.2549

Sweetspot

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



45.9730, 0.4017, 0.3939



88.1146, 0.3359, 0.3486



30.5878, 0.3774, 0.2761



18.4918, 0.3399, 0.3517



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.



45.9730, 0.4017, 0.3939



60.7925, 0.4248, 0.4061



64.9472, 0.3754, 0.4408



14.2359, 0.3278, 0.3419



17.2253, 0.5251, 0.4213



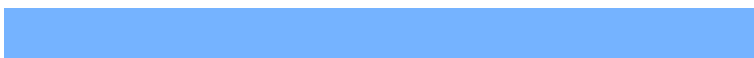
1.2871, 0.5032, 0.4387

Inverse Universe

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



35.1057, 0.2390, 0.2526



43.2916, 0.2239, 0.2332



22.4794, 0.2315, 0.1898



13.5742, 0.2982, 0.3158



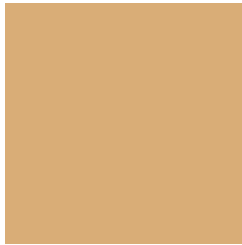
8.4511, 0.1728, 0.1419



0.7179, 0.1815, 0.1733

Previews

White Background



This preview shows how the Yxy color 45.9708, 0.4017, 0.3939 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 45.9708, 0.4017, 0.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

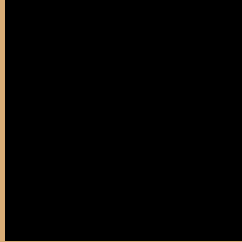
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9708, 0.4017, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 45.9708, 0.4017, 0.3939.



This preview shows how white text looks on a background with the Yxy color 45.9708, 0.4017, 0.3939.

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

45.9708, 0.4017, 0.3939

Protanopia

46.1887, 0.3752, 0.4049

Deuteranopia

45.9708, 0.4017, 0.3939



Tritanopia

45.8126, 0.3557, 0.3139

Trichromacy



Original Color

45.9708, 0.4017, 0.3939

Protanomaly

46.0586, 0.3851, 0.4006

Deuteranomaly

45.9708, 0.4017, 0.3939

Tritanomaly

45.8117, 0.3729, 0.3423

Monochromacy



Original Color

45.9708, 0.4017, 0.3939

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2504, 0.3431, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9708, 0.4017, 0.3939 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, 173, 119)` looks like.

```
.text, #text, p{  
    color:rgb(217, 173, 119)  
}
```

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, 173, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 173, 119) }
```

Border

The CSS property to change the border of an element to Yxy 45.9708, 0.4017, 0.3939 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, 173, 119) }
```

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

```
.border{ border-color:rgb(217, 173, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 173, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 173, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 173, 119);  
box-shadow:4px 4px 4px 4px rgb(217, 173,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9708, 0.4017, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 173, 119) }
```

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

```
.background{ background-color: rgb(217,  
173, 119) }
```

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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