

Converting Colors

$Yxy(39.3429, 0.4165, 0.3913)$

Have a look what the booklet for
Yxy(39.3429, 0.4165, 0.3913)
contains.

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Color

Yxy(39.5123, 0.4167, 0.3917)

Conversions

Conversions Part 1

Format	Color
Hex	D49E6B
RGB	212, 158, 107
RGB Percent	83%, 62%, 42%
CMY	0.1686, 0.3804, 0.5803
CMYK	0.00, 0.25, 0.50, 0.17
HSL	29°, 55%, 63%
HSV	29°, 50%, 83%
XYZ	42.0341, 39.5123, 19.3274
YIQ	168.3320, 48.5550, -4.4130

Conversions

Conversions Part 2

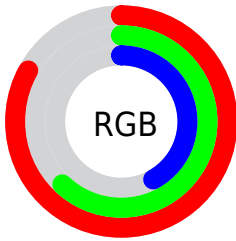
Format	Color
R _Y B	212, 206, 107
Decimal	13934187
CIE Lab	69.12, 14.04, 34.36
CIE LCh	69, 37.118, 67.772
Yxy	39.5123, 0.4167, 0.3917
Android (android.graphics.Color)	4292124267 (0xFFD49E6B)
YUV	168.3320, -30.2367, 38.2968
Hunter-Lab	62.8588, 9.3613, 25.7710

Details

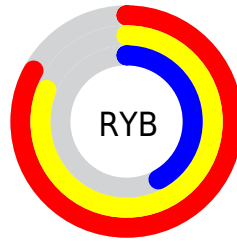
The Yxy color **39.5123, 0.4167, 0.3917** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.3804, 0.2340, 0.2544**, and the grayscale version is **39.4653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3517, 0.3844, 0.3847**, and **17.7894, 0.4468, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **35.5642, 0.4443, 0.4023**, and if you desaturate by 10%, it is **43.9038, 0.3909, 0.3794**.

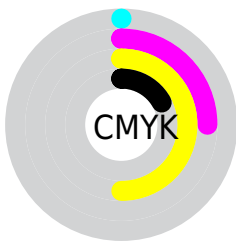
Distribution



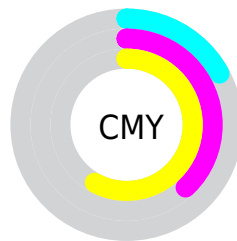
- Red (83%)
- Green (62%)
- Blue (42%)



- Red (83%)
- Yellow (81%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (50%)
- Black (17%)





- Cyan (17%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5123, 0.4167, 0.3917 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 39.5123, 0.4167, 0.3917 by changing the saturation by 10% instead.


 39.5123, 0.4167,
0.3917


 39.5123, 0.4167,
0.3917


344.0637, 0.3636,
0.3620

 27.1585, 0.4299,
0.3982


 74.4203, 0.3974,
0.3815

 17.6923, 0.4465,
0.4058


 97.7433, 0.3901,
0.3775

 10.7293, 0.4680,
0.4145


 125.4914, 0.3840,
0.3740

 5.8851, 0.4962,
0.4235

 158.0491, 0.3787,
0.3710

 2.7753, 0.5536,
0.4464

195.8008, 0.3742,
0.3683

 1.0156, 0.5781,
0.4219

239.1309, 0.3702,

 0.0000, 1.0000,

0.3660

0.0000

288.4237, 0.3667,
0.3639

■ 0.0000, 0.0000,
0.0000

■ 39.5123, 0.4167,
0.3917

■ 39.5123, 0.4167,
0.3917

■ 35.5642, 0.4443,
0.4023

■ 43.9038, 0.3909,
0.3794

■ 32.0371, 0.4725,
0.4100

■ 48.7486, 0.3674,
0.3663

■ 28.9147, 0.4999,
0.4134

■ 54.0630, 0.3465,
0.3532

■ 26.1769, 0.5245,
0.4116


■ 59.8611, 0.3281,
0.3405

■ 23.7949, 0.5453,
0.4048

■ 66.1560, 0.3120,
0.3284

 23.6878, 0.5463,
0.4044

 72.9602, 0.2980,
0.3172

 80.2584, 0.2861,
0.3073

 86.6727, 0.2867,
0.3188

 92.7378, 0.2872,
0.3289

Harmonies

Analogous

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



39.5123, 0.4194, 0.3503



39.5123, 0.4167, 0.3917



39.5123, 0.3848, 0.4219

Triad

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



39.5123, 0.4167, 0.3917



39.5123, 0.2390, 0.3452



39.5123, 0.2832, 0.2488

Complementary

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



39.5123, 0.4167, 0.3917



33.3804, 0.2340, 0.2544

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.



39.5123, 0.2403, 0.2427



39.5123, 0.4167, 0.3917



39.5123, 0.2166, 0.2926

Square

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



39.5123, 0.4167, 0.3917



39.5123, 0.2816, 0.3979



39.5123, 0.2172, 0.2569



39.5123, 0.3383, 0.2721

Rectangle

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



39.5123, 0.4167, 0.3917



39.5123, 0.3527, 0.4289



39.5123, 0.2172, 0.2569



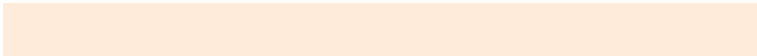
39.5123, 0.2670, 0.2447

Sweetspot

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



39.5142, 0.4167, 0.3917



85.8590, 0.3381, 0.3476



27.1008, 0.3774, 0.2631



17.9816, 0.3421, 0.3503



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.



39.5142, 0.4167, 0.3917



53.9553, 0.4446, 0.4024



61.2791, 0.3858, 0.4468



13.4062, 0.3279, 0.3403



14.8220, 0.5441, 0.4062



1.0594, 0.5169, 0.4278

Inverse Universe

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



33.3804, 0.2340, 0.2544



43.6286, 0.2191, 0.2358



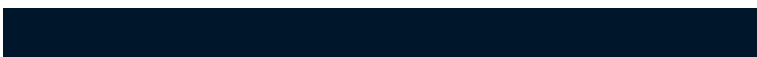
18.7702, 0.2190, 0.1757



13.0546, 0.2982, 0.3174



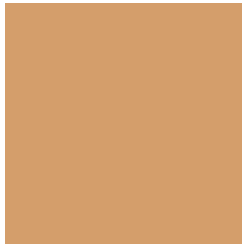
9.8955, 0.1788, 0.1635



0.7623, 0.1873, 0.1942

Previews

White Background



This preview shows how the Yxy color 39.5123, 0.4167, 0.3917 looks on a white background.

Color Contrast Check

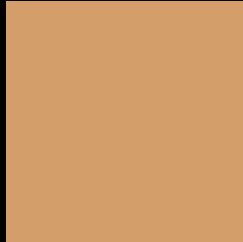
Large Text (above 18pt) WCAG AA × Fail

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 39.5123, 0.4167, 0.3917 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 39.5123, 0.4167, 0.3917

Background



This preview shows how black text looks on a background with the Yxy color 39.5123, 0.4167, 0.3917.



This preview shows how white text looks on a background with the Yxy color 39.5123, 0.4167, 0.3917.

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

39.5123, 0.4167, 0.3917

Protanopia

39.7140, 0.3785, 0.4082

Deuteranopia

39.3677, 0.4077, 0.3987



Tritanopia

39.5293, 0.3684, 0.3146

Trichromacy



Original Color

39.5123, 0.4167, 0.3917

Protanomaly

39.5054, 0.3916, 0.4016

Deuteranomaly

39.4476, 0.4113, 0.3967

Tritanomaly

39.5414, 0.3861, 0.3428

Monochromacy



Original Color

39.5123, 0.4167, 0.3917

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.8166, 0.3484, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5123, 0.4167, 0.3917 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(212, 158, 107)` looks like.

```
.text, #text, p{  
    color:rgb(212, 158, 107)  
}
```

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(212, 158, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 158, 107) }
```

Border

The CSS property to change the border of an element to Yxy 39.5123, 0.4167, 0.3917 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(212, 158, 107) }
```

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

```
.border{ border-color:rgb(212, 158, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 158, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 158, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 158, 107);  
box-shadow:4px 4px 4px 4px rgb(212, 158,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5123, 0.4167, 0.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 158, 107) }
```

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

```
.background{ background-color: rgb(212,  
158, 107) }
```

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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