

Converting Colors

$Yxy(39.0940, 0.3932, 0.3668)$

Have a look what the booklet for
Yxy(39.0940, 0.3932, 0.3668)
contains.

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Color

Yxy(39.0561, 0.3939, 0.3672)

Conversions

Conversions Part 1

Format	Color
Hex	D09D7F
RGB	208, 157, 127
RGB Percent	82%, 62%, 50%
CMY	0.1844, 0.3843, 0.5019
CMYK	0.00, 0.25, 0.39, 0.18
HSL	22°, 46%, 66%
HSV	22°, 39%, 82%
XYZ	41.8960, 39.0561, 25.4099
YIQ	168.8290, 40.0260, 1.4820

Conversions

Conversions Part 2

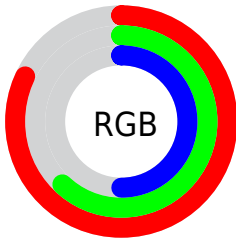
Format	Color
R _Y B	208, 175, 127
Decimal	13671807
CIE Lab	68.79, 15.04, 23.06
CIE LCh	69, 27.531, 56.884
Yxy	39.0561, 0.3939, 0.3672
Android (android.graphics.Color)	4291861887 (0xFFD09D7F)
YUV	168.8290, -20.6217, 34.3530
Hunter-Lab	62.4949, 10.2986, 19.6396

Details

The Yxy color **39.0561, 0.3939, 0.3672** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.8939, 0.2528, 0.2868**, and the grayscale version is **39.6768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6423, 0.3691, 0.3622**, and **17.5335, 0.4182, 0.3764** is the 20% darker color. If you saturate the color by 10%, you get **34.3753, 0.4228, 0.3767**, and if you desaturate by 10%, it is **44.3272, 0.3684, 0.3571**.

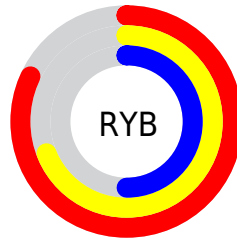
Distribution



Red (82%)

Green (62%)

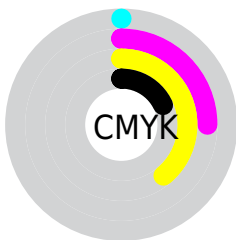
Blue (50%)



Red (82%)

Yellow (69%)

Blue (50%)

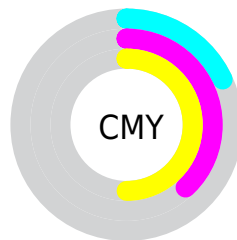


Cyan (0%)

Magenta (25%)

Yellow (39%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0561, 0.3939, 0.3672 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 39.0561, 0.3939, 0.3672 by changing the saturation by 10% instead.


 39.0561, 0.3939,
0.3672


 39.0561, 0.3939,
0.3672


342.1289, 0.3519,
0.3489

 26.8034, 0.4047,
0.3714


 73.7240, 0.3784,
0.3608

 17.4256, 0.4187,
0.3764


 96.9080, 0.3726,
0.3583

 10.5384, 0.4376,
0.3825


 124.5045, 0.3678,
0.3562

 5.7574, 0.4639,
0.3897

156.8979, 0.3636,
0.3544

 2.6981, 0.5048,
0.3987

194.4727, 0.3601,
0.3527

 0.9762, 0.5852,
0.4148

237.6132, 0.3570,

 0.0000, 1.0000,

0.3513

0.0000

286.7038, 0.3543,
0.3500

0.0000, 0.0000,
0.0000

39.0561, 0.3939,
0.3672

39.0561, 0.3939,
0.3672

34.3753, 0.4228,
0.3767

44.3272, 0.3684,
0.3571

30.2573, 0.4546,
0.3847

50.2035, 0.3463,
0.3470

26.6806, 0.4882,
0.3900


56.7065, 0.3273,
0.3372


23.6201, 0.5214,
0.3913

63.8545, 0.3111,
0.3281


21.0477, 0.5516,
0.3877

71.6655, 0.2973,
0.3196

 18.9281, 0.5766,
0.3793

 80.1565, 0.2855,
0.3118

 18.7257, 0.5792,
0.3783

 88.1586, 0.2845,
0.3223

 92.1469, 0.2849,
0.3289

Harmonies

Analogous

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



39.0561, 0.3865, 0.3346



39.0561, 0.3939, 0.3672



39.0561, 0.3781, 0.3929

Triad

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



39.0561, 0.3939, 0.3672



39.0561, 0.2678, 0.3562



39.0561, 0.2776, 0.2641

Complementary

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



39.0561, 0.3939, 0.3672



40.8939, 0.2528, 0.2868

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.



39.0561, 0.2494, 0.2656



39.0561, 0.3939, 0.3672



39.0561, 0.2439, 0.3162

Square

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



39.0561, 0.3939, 0.3672



39.0561, 0.3044, 0.3894



39.0561, 0.2375, 0.2835



39.0561, 0.3170, 0.2776

Rectangle

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



39.0561, 0.3939, 0.3672



39.0561, 0.3573, 0.4017



39.0561, 0.2375, 0.2835



39.0561, 0.2666, 0.2629

Sweetspot

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



39.0580, 0.3939, 0.3672



86.5052, 0.3331, 0.3403



31.8125, 0.3481, 0.2658



18.2207, 0.3355, 0.3416



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.



39.0580, 0.3939, 0.3672



55.4816, 0.4186, 0.3755



54.9548, 0.3752, 0.4136



12.5156, 0.3281, 0.3377



11.8438, 0.5766, 0.3804



0.8124, 0.5419, 0.4080

Inverse Universe

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



40.8939, 0.2528, 0.2868



58.7648, 0.2403, 0.2755



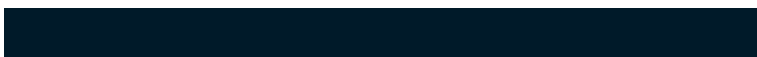
27.1851, 0.2438, 0.2270



12.6398, 0.2983, 0.3202



13.1313, 0.1899, 0.2037



0.8834, 0.1970, 0.2293

Previews

White Background



This preview shows how the Yxy color 39.0561, 0.3939, 0.3672 looks on a white background.

Color Contrast Check

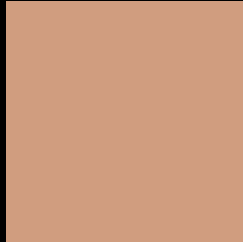
Large Text (above 18pt) WCAG AA × Fail

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 39.0561, 0.3939, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

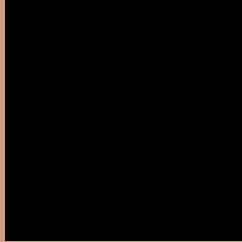
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0561, 0.3939, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 39.0561, 0.3939, 0.3672.



This preview shows how white text looks on a background with the Yxy color 39.0561, 0.3939, 0.3672.

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

39.0561, 0.3939, 0.3672

Protanopia

39.2549, 0.3552, 0.3793

Deuteranopia

39.0019, 0.3828, 0.3751



Tritanopia

39.1339, 0.3621, 0.3143

Trichromacy



Original Color

39.0561, 0.3939, 0.3672

Protanomaly

39.1098, 0.3696, 0.3750

Deuteranomaly

39.2045, 0.3873, 0.3732

Tritanomaly

39.1945, 0.3738, 0.3329

Monochromacy



Original Color

39.0561, 0.3939, 0.3672

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3106, 0.3398, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0561, 0.3939, 0.3672 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(208, 157, 127)` looks like.

```
.text, #text, p{  
    color:rgb(208, 157, 127)  
}
```

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(208, 157, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 157, 127) }
```

Border

The CSS property to change the border of an element to Yxy 39.0561, 0.3939, 0.3672 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(208, 157, 127) }
```

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

```
.border{ border-color:rgb(208, 157, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 157, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 157, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 157, 127);  
box-shadow:4px 4px 4px 4px rgb(208, 157,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0561, 0.3939, 0.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 157, 127) }
```

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

```
.background{ background-color: rgb(208,  
157, 127) }
```

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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