

Converting Colors

$Yxy(38.8856, 0.4046, 0.3598)$

Have a look what the booklet for
Yxy(38.8856, 0.4046, 0.3598)
contains.

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Color

Yxy(39.0927, 0.4041, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	D99980
RGB	217, 153, 128
RGB Percent	85%, 60%, 50%
CMY	0.1490, 0.4000, 0.4980
CMYK	0.00, 0.29, 0.41, 0.15
HSL	17°, 54%, 68%
HSV	17°, 41%, 85%
XYZ	43.9059, 39.0927, 25.6525
YIQ	169.2860, 46.1690, 5.7930

Conversions

Conversions Part 2

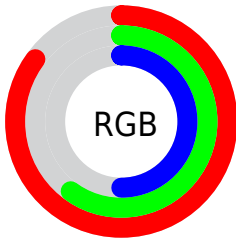
Format	Color
R _Y B	217, 163, 128
Decimal	14260608
CIE Lab	68.82, 20.92, 22.71
CIE LCh	69, 30.878, 47.358
Yxy	39.0927, 0.4041, 0.3598
Android (android.graphics.Color)	4292450688 (0xFFD99980)
YUV	169.2860, -20.3540, 41.8452
Hunter-Lab	62.5242, 15.9297, 19.4413

Details

The Yxy color **39.0927, 0.4041, 0.3598** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **47.3051, 0.2514, 0.2952**, and the grayscale version is **39.9120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7079, 0.3695, 0.3571**, and **17.5408, 0.4314, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **33.8039, 0.4366, 0.3668**, and if you desaturate by 10%, it is **45.1757, 0.3758, 0.3521**.

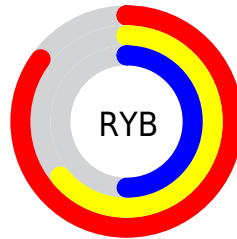
Distribution



Red (85%)

Green (60%)

Blue (50%)



Red (85%)

Yellow (64%)

Blue (50%)

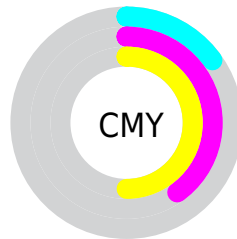


Cyan (0%)

Magenta (29%)

Yellow (41%)

Black (15%)



Cyan (15%)


Magenta (40%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0927, 0.4041, 0.3598 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 39.0927, 0.4041, 0.3598 by changing the saturation by 10% instead.


 39.0927, 0.4041,
0.3598


 39.0927, 0.4041,
0.3598


342.2844, 0.3567,
0.3457


 26.8318, 0.4163,
0.3628


 73.7799, 0.3866,
0.3551

 17.4470, 0.4322,
0.3662


 96.9751, 0.3801,
0.3532

 10.5537, 0.4535,
0.3699


 124.5838, 0.3746,
0.3515

 5.7676, 0.4833,
0.3735

156.9904, 0.3700,
0.3501

 2.7043, 0.5290,
0.3763

194.5794, 0.3660,
0.3488

 0.9794, 0.6189,
0.3811

237.7352, 0.3625,

 0.0000, 1.0000,

0.3476

0.0000

286.8420, 0.3594,
0.3466

■ 0.0000, 0.0000,
0.0000

■ 39.0927, 0.4041,
0.3598

■ 39.0927, 0.4041,
0.3598

■ 33.8039, 0.4366,
0.3668

■ 45.1757, 0.3758,
0.3521

■ 29.2700, 0.4727,
0.3722

■ 52.0787, 0.3517,
0.3443

■ 25.4568, 0.5107,
0.3748


■ 59.8334, 0.3314,
0.3368

■ 22.3248, 0.5477,
0.3736

■ 68.4679, 0.3143,
0.3297

■ 19.8303, 0.5798,
0.3679

■ 78.0091, 0.3000,
0.3231

 18.0861, 0.6025,
0.3598

 88.2744, 0.2897,
0.3204

 93.4940, 0.2900,
0.3289

Harmonies

Analogous

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



39.0927, 0.3875, 0.3231



39.0927, 0.4041, 0.3598



39.0927, 0.3939, 0.3923

Triad

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



39.0927, 0.4041, 0.3598



39.0927, 0.2741, 0.3733



39.0927, 0.2617, 0.2556

Complementary

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



39.0927, 0.4041, 0.3598



47.3051, 0.2514, 0.2952

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.



39.0927, 0.2360, 0.2626



39.0927, 0.4041, 0.3598



39.0927, 0.2425, 0.3282

Square

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



39.0927, 0.4041, 0.3598



39.0927, 0.3175, 0.4050



39.0927, 0.2292, 0.2877



39.0927, 0.3025, 0.2656

Rectangle

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



39.0927, 0.4041, 0.3598



39.0927, 0.3743, 0.4068



39.0927, 0.2292, 0.2877



39.0927, 0.2512, 0.2559

Sweetspot

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



39.0946, 0.4041, 0.3598



84.9381, 0.3334, 0.3376



34.0545, 0.3412, 0.2526



17.8535, 0.3359, 0.3386



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.



39.0946, 0.4041, 0.3598



49.8348, 0.4312, 0.3658



55.9027, 0.3828, 0.4090



13.6440, 0.3285, 0.3356



11.1015, 0.6000, 0.3618



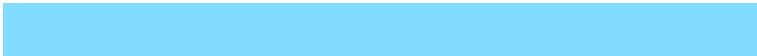
0.8636, 0.5676, 0.3875

Inverse Universe

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



47.3051, 0.2514, 0.2952



63.1075, 0.2402, 0.2869



31.0214, 0.2414, 0.2331



14.1792, 0.2982, 0.3223



17.6240, 0.1987, 0.2354



1.2847, 0.2035, 0.2525

Previews

White Background



This preview shows how the Yxy color 39.0927, 0.4041, 0.3598 looks on a white background.

Color Contrast Check

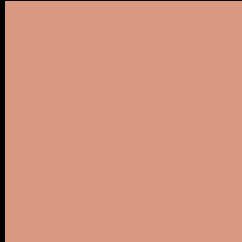
Large Text (above 18pt) WCAG AA × Fail

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 39.0927, 0.4041, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

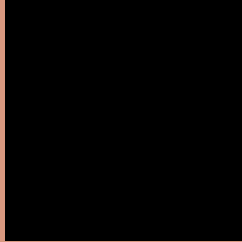
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0927, 0.4041, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 39.0927, 0.4041, 0.3598.



This preview shows how white text looks on a background with the Yxy color 39.0927, 0.4041, 0.3598.

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

39.0927, 0.4041, 0.3598

Protanopia

39.3382, 0.3525, 0.3751

Deuteranopia

39.0019, 0.3828, 0.3751



Tritanopia

39.2486, 0.3752, 0.3159

Trichromacy



Original Color

39.0927, 0.4041, 0.3598

Protanomaly

39.1978, 0.3711, 0.3706

Deuteranomaly

38.9652, 0.3904, 0.3689

Tritanomaly

39.0109, 0.3865, 0.3317

Monochromacy



Original Color

39.0927, 0.4041, 0.3598

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.9666, 0.3432, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0927, 0.4041, 0.3598 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, 153, 128)` looks like.

```
.text, #text, p{  
    color:rgb(217, 153, 128)  
}
```

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, 153, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 153, 128) }
```

Border

The CSS property to change the border of an element to Yxy 39.0927, 0.4041, 0.3598 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, 153, 128) }
```

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

```
.border{ border-color:rgb(217, 153, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 153, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 153, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 153, 128);  
box-shadow:4px 4px 4px 4px rgb(217, 153,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0927, 0.4041, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 153, 128) }
```

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

```
.background{ background-color: rgb(217,  
153, 128) }
```

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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