

Converting Colors

$Yxy(39.1970, 0.3948, 0.3453)$

Have a look what the booklet for
Yxy(39.1970, 0.3948, 0.3453)
contains.

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Color

Yxy(39.2260, 0.3942, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	DA988B
RGB	218, 152, 139
RGB Percent	85%, 60%, 55%
CMY	0.1450, 0.4039, 0.4549
CMYK	0.00, 0.30, 0.36, 0.14
HSL	10°, 52%, 70%
HSV	10°, 36%, 86%
XYZ	44.8070, 39.2260, 29.6326
YIQ	170.2520, 43.5090, 9.9490

Conversions

Conversions Part 2

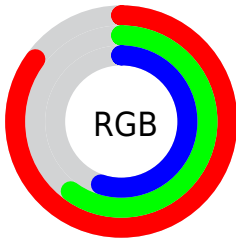
Format	Color
R _Y B	218, 155, 139
Decimal	14325899
CIE Lab	68.91, 23.13, 16.80
CIE LCh	69, 28.584, 35.988
Yxy	39.2260, 0.3942, 0.3451
Android (android.graphics.Color)	4292515979 (0xFFDA988B)
YUV	170.2520, -15.4072, 41.8750
Hunter-Lab	62.6307, 18.0981, 15.7894

Details

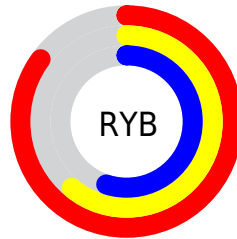
The Yxy color **39.2260, 0.3942, 0.3451** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.2254, 0.2597, 0.3120**, and the grayscale version is **40.3939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7359, 0.3605, 0.3436**, and **17.6057, 0.4189, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **33.1873, 0.4279, 0.3494**, and if you desaturate by 10%, it is **46.3037, 0.3658, 0.3405**.

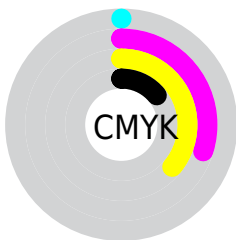
Distribution



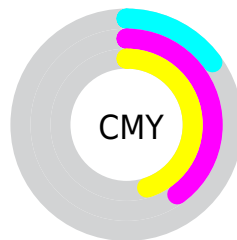
- Red (85%)
- Green (60%)
- Blue (55%)



- Red (85%)
- Yellow (61%)
- Blue (55%)



- Cyan (0%)
- Magenta (30%)
- Yellow (36%)
- Black (14%)



- Cyan (15%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2260, 0.3942, 0.3451 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 39.2260, 0.3942, 0.3451 by changing the saturation by 10% instead.


 39.2260, 0.3942,
0.3451


 39.2260, 0.3942,
0.3451


342.8504, 0.3519,
0.3381


 26.9356, 0.4052,
0.3464


 73.9834, 0.3785,
0.3429

 17.5249, 0.4196,
0.3479


 97.2193, 0.3727,
0.3419

 10.6094, 0.4391,
0.3493

 124.8723, 0.3678,
0.3411

 5.8048, 0.4668,
0.3501

157.3271, 0.3637,
0.3404

 2.7268, 0.5090,
0.3487

194.9678, 0.3601,
0.3397

 0.9908, 0.6305,
0.3695

238.1791, 0.3570,

 0.0000, 1.0000,

0.3391


0.0000

287.3451, 0.3543,
0.3386


 0.0000, 0.0000,
0.0000


 39.2260, 0.3942,
0.3451


 39.2260, 0.3942,
0.3451

 33.1873, 0.4279,
0.3494

 46.3037, 0.3658,
0.3405


 28.1329, 0.4666,
0.3529


 54.4602, 0.3423,
0.3359


 24.0119, 0.5090,
0.3548

 63.7404, 0.3230,
0.3316

 20.7663, 0.5516,
0.3542

 74.1848, 0.3071,
0.3275

 18.3315, 0.5894,
0.3506

 85.8320, 0.2941,
0.3238

■ 16.6333, 0.6170,
0.3442

■ 93.6493, 0.2906,
0.3289

■ 16.1631, 0.6250,
0.3419

Harmonies

Analogous

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



39.2260, 0.3702, 0.3112



39.2260, 0.3942, 0.3451



39.2260, 0.3943, 0.3776

Triad

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



39.2260, 0.3942, 0.3451



39.2260, 0.2916, 0.3831



39.2260, 0.2544, 0.2612

Complementary

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



39.2260, 0.3942, 0.3451



54.2254, 0.2597, 0.3120

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.



39.2260, 0.2367, 0.2744



39.2260, 0.3942, 0.3451



39.2260, 0.2569, 0.3445

Square

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



39.2260, 0.3942, 0.3451



39.2260, 0.3335, 0.4039



39.2260, 0.2375, 0.3040



39.2260, 0.2878, 0.2647

Rectangle

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



39.2260, 0.3942, 0.3451



39.2260, 0.3812, 0.3945



39.2260, 0.2375, 0.3040



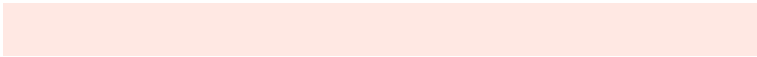
39.2260, 0.2466, 0.2637

Sweetspot

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



39.2279, 0.3942, 0.3451



84.2717, 0.3319, 0.3336



37.8370, 0.3280, 0.2516



17.6528, 0.3346, 0.3342



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.



39.2279, 0.3942, 0.3451



49.6478, 0.4177, 0.3482



53.7579, 0.3777, 0.3899



13.3958, 0.3287, 0.3329



9.7856, 0.6231, 0.3435



0.7424, 0.5942, 0.3664

Inverse Universe

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



54.2254, 0.2597, 0.3120



73.8175, 0.2507, 0.3081



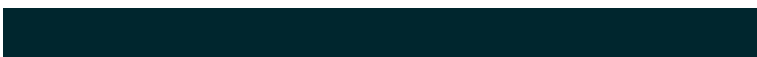
38.0625, 0.2523, 0.2592



14.4458, 0.2982, 0.3251



23.2448, 0.2100, 0.2760



1.6051, 0.2127, 0.2855

Previews

White Background



This preview shows how the Yxy color 39.2260, 0.3942, 0.3451 looks on a white background.

Color Contrast Check

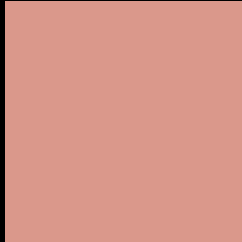
Large Text (above 18pt) WCAG AA × Fail

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 39.2260, 0.3942, 0.3451 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 39.2260, 0.3942, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 39.2260, 0.3942, 0.3451.



This preview shows how white text looks on a background with the Yxy color 39.2260, 0.3942, 0.3451.

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

39.2260, 0.3942, 0.3451

Protanopia

39.4590, 0.3397, 0.3584

Deuteranopia

39.3826, 0.3697, 0.3622



Tritanopia

39.2486, 0.3752, 0.3159

Trichromacy



Original Color

39.2260, 0.3942, 0.3451

Protanomaly

39.0607, 0.3589, 0.3532

Deuteranomaly

39.1261, 0.3784, 0.3549

Tritanomaly

39.1398, 0.3823, 0.3268

Monochromacy



Original Color

39.2260, 0.3942, 0.3451

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2624, 0.3395, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2260, 0.3942, 0.3451 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(218, 152, 139)` looks like.

```
.text, #text, p{  
  color:rgb(218, 152, 139)  
}
```

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(218, 152, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 152, 139) }
```

Border

The CSS property to change the border of an element to Yxy 39.2260, 0.3942, 0.3451 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(218, 152, 139) }
```

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

```
.border{ border-color:rgb(218, 152, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 152, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 152, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 152, 139);  
box-shadow:4px 4px 4px 4px rgb(218, 152,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2260, 0.3942, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 152, 139) }
```

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

```
.background{ background-color: rgb(218,  
152, 139) }
```

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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