

Converting Colors

$Yxy(39.3965, 0.4028, 0.3526)$

Have a look what the booklet for
Yxy(39.3965, 0.4028, 0.3526)
contains.

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Color

Yxy(39.3656, 0.4024, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	DC9885
RGB	220, 152, 133
RGB Percent	86%, 60%, 52%
CMY	0.1373, 0.4039, 0.4783
CMYK	0.00, 0.31, 0.40, 0.14
HSL	13°, 55%, 69%
HSV	13°, 40%, 86%
XYZ	44.9765, 39.3656, 27.4285
YIQ	170.1660, 46.6270, 8.5070

Conversions

Conversions Part 2

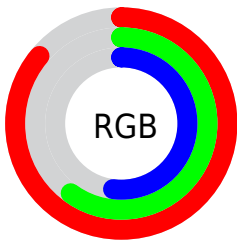
Format	Color
R _Y B	220, 157, 133
Decimal	14456965
CIE Lab	69.02, 23.18, 20.27
CIE LCh	69, 30.794, 41.157
Yxy	39.3656, 0.4024, 0.3522
Android (android.graphics.Color)	4292647045 (0xFFDC9885)
YUV	170.1660, -18.3228, 43.7044
Hunter-Lab	62.7420, 18.1588, 18.0000

Details

The Yxy color **39.3656, 0.4024, 0.3522** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.9347, 0.2545, 0.3040**, and the grayscale version is **40.3632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4308, 0.3659, 0.3509**, and **17.7184, 0.4305, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **33.6375, 0.4362, 0.3577**, and if you desaturate by 10%, it is **46.0343, 0.3734, 0.3462**.

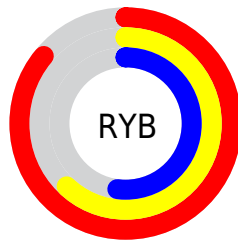
Distribution



Red (86%)

Green (60%)

Blue (52%)



Red (86%)

Yellow (62%)

Blue (52%)

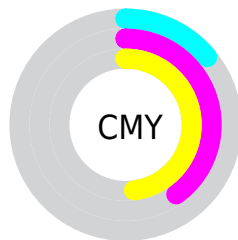


Cyan (0%)

Magenta (31%)

Yellow (40%)

Black (14%)



Cyan (14%)


Magenta (40%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3656, 0.4024, 0.3522 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 39.3656, 0.4024, 0.3522 by changing the saturation by 10% instead.


 39.3656, 0.4024,
0.3522

 39.3656, 0.4024,
0.3522

343.4424, 0.3559,
0.3419

 27.0443, 0.4144,
0.3542


 74.1965, 0.3852,
0.3488

 17.6065, 0.4301,
0.3565


 97.4748, 0.3788,
0.3475

 10.6678, 0.4512,
0.3588


 125.1743, 0.3734,
0.3462

 5.8439, 0.4809,
0.3607

157.6793, 0.3689,
0.3452

 2.7504, 0.5254,
0.3600

195.3742, 0.3649,
0.3442

 1.0029, 0.6303,
0.3697

238.6434, 0.3615,

 0.0000, 1.0000,

0.3434

0.0000

287.8714, 0.3585,
0.3426

0.0000, 0.0000,
0.0000

39.3656, 0.4024,
0.3522

39.3656, 0.4024,
0.3522

33.6375, 0.4362,
0.3577

46.0343, 0.3734,
0.3462

28.8016, 0.4744,
0.3619

53.6779, 0.3491,
0.3401

24.8138, 0.5151,
0.3639

62.3357, 0.3288,
0.3342

21.6235, 0.5550,
0.3626

72.0433, 0.3120,
0.3288

19.1747, 0.5894,
0.3575

82.8346, 0.2981,
0.3237

■ 17.3980, 0.6149,
0.3495

■ 93.9541, 0.2917,
0.3289

■ 17.3289, 0.6159,
0.3491

Harmonies

Analogous

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



39.3656, 0.3807, 0.3158



39.3656, 0.4024, 0.3522



39.3656, 0.3977, 0.3861

Triad

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



39.3656, 0.4024, 0.3522



39.3656, 0.2826, 0.3812



39.3656, 0.2553, 0.2559

Complementary

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



39.3656, 0.4024, 0.3522



51.9347, 0.2545, 0.3040

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.



39.3656, 0.2333, 0.2666



39.3656, 0.4024, 0.3522



39.3656, 0.2479, 0.3377

Square

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



39.3656, 0.4024, 0.3522



39.3656, 0.3270, 0.4080



39.3656, 0.2307, 0.2952



39.3656, 0.2933, 0.2626

Rectangle

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



39.3656, 0.4024, 0.3522



39.3656, 0.3809, 0.4028



39.3656, 0.2307, 0.2952



39.3656, 0.2459, 0.2574

Sweetspot

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



39.3675, 0.4024, 0.3522



83.8591, 0.3336, 0.3357



36.2214, 0.3355, 0.2507



17.6011, 0.3362, 0.3365



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.



39.3675, 0.4024, 0.3522



48.6103, 0.4286, 0.3566



56.0963, 0.3820, 0.4017



13.5099, 0.3286, 0.3342



10.3061, 0.6135, 0.3511



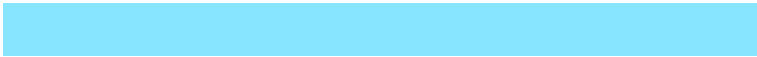
0.7960, 0.5818, 0.3762

Inverse Universe

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



51.9347, 0.2545, 0.3040



68.3357, 0.2445, 0.2981



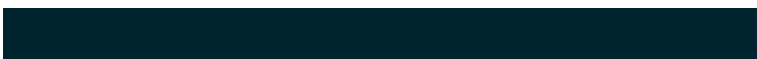
34.4966, 0.2452, 0.2433



14.3222, 0.2982, 0.3238



20.5165, 0.2049, 0.2575



1.4511, 0.2085, 0.2705

Previews

White Background



This preview shows how the Yxy color 39.3656, 0.4024, 0.3522 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 39.3656, 0.4024, 0.3522 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 39.3656, 0.4024, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 39.3656, 0.4024, 0.3522.



This preview shows how white text looks on a background with the Yxy color 39.3656, 0.4024, 0.3522.

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

39.3656, 0.4024, 0.3522

Protanopia

39.3933, 0.3461, 0.3668

Deuteranopia

39.4851, 0.3775, 0.3698



Tritanopia

39.2126, 0.3786, 0.3160

Trichromacy



Original Color

39.3656, 0.4024, 0.3522

Protanomaly

39.0131, 0.3657, 0.3612

Deuteranomaly

39.2415, 0.3864, 0.3624

Tritanomaly

39.0691, 0.3868, 0.3280

Monochromacy



Original Color

39.3656, 0.4024, 0.3522

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3201, 0.3423, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3656, 0.4024, 0.3522 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(220, 152, 133)` looks like.

```
.text, #text, p{  
    color:rgb(220, 152, 133)  
}
```

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(220, 152, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 152, 133) }
```

Border

The CSS property to change the border of an element to Yxy 39.3656, 0.4024, 0.3522 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(220, 152, 133) }
```

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

```
.border{ border-color:rgb(220, 152, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 152, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 152, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 152, 133);  
box-shadow:4px 4px 4px 4px rgb(220, 152,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3656, 0.4024, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 152, 133) }
```

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

```
.background{ background-color: rgb(220,  
152, 133) }
```

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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