

Converting Colors

$Yxy(44.4507, 0.3928, 0.3639)$

Have a look what the booklet for
Yxy(44.4507, 0.3928, 0.3639)
contains.

Yxy(44.4507, 0.3928, 0.3639)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.4507, 0.3928, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	DDA689
RGB	221, 166, 137
RGB Percent	87%, 65%, 54%
CMY	0.1332, 0.3491, 0.4627
CMYK	0.00, 0.25, 0.38, 0.13
HSL	21°, 55%, 70%
HSV	21°, 38%, 87%
XYZ	47.9809, 44.4507, 29.7193
YIQ	179.1390, 42.0890, 2.6410

Conversions

Conversions Part 2

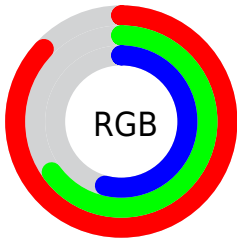
Format	Color
R _Y B	221, 181, 137
Decimal	14526089
CIE Lab	72.53, 16.53, 22.90
CIE LCh	73, 28.244, 54.178
Yxy	44.4507, 0.3928, 0.3639
Android (android.graphics.Color)	4292716169 (0xFFDDA689)
YUV	179.1390, -20.7745, 36.7121
Hunter-Lab	66.6714, 11.7848, 20.2409

Details

The Yxy color **44.4507, 0.3928, 0.3639** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.2695, 0.2544, 0.2907**, and the grayscale version is **45.2558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7345, 0.3586, 0.3597**, and **20.6153, 0.4157, 0.3718** is the 20% darker color. If you saturate the color by 10%, you get **38.9105, 0.4223, 0.3729**, and if you desaturate by 10%, it is **50.7180, 0.3670, 0.3544**.

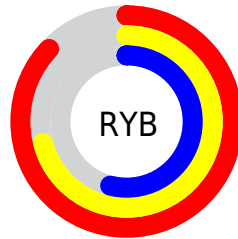
Distribution



Red (87%)

Green (65%)

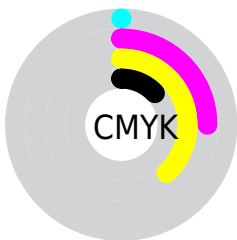
Blue (54%)



Red (87%)

Yellow (71%)

Blue (54%)

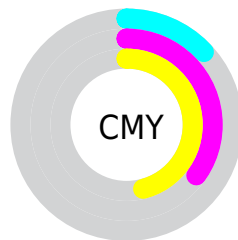


Cyan (0%)

Magenta (25%)

Yellow (38%)

Black (13%)



Cyan (13%)


Magenta (35%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4507, 0.3928, 0.3639 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 44.4507, 0.3928, 0.3639 by changing the saturation by 10% instead.


 44.4507, 0.3928,
0.3639


 44.4507, 0.3928,
0.3639


364.5443, 0.3522,
0.3476

 31.0250, 0.4030,
0.3675


 81.8955, 0.3780,
0.3583

 20.6179, 0.4161,
0.3718


 106.6834, 0.3724,
0.3561

 12.8450, 0.4334,
0.3770


 136.0275, 0.3677,
0.3542

 7.3219, 0.4573,
0.3830

170.3121, 0.3637,
0.3526

 3.6642, 0.4917,
0.3891

209.9217, 0.3602,
0.3511

 1.4876, 0.5812,
0.4188

255.2407, 0.3572,

 0.2799, 0.7052,

0.3498

0.2948

306.6534, 0.3545,
0.3487

0.0000, 0.0000,
0.0000

44.4507, 0.3928,
0.3639

44.4507, 0.3928,
0.3639

38.9105, 0.4223,
0.3729

50.7180, 0.3670,
0.3544

34.0635, 0.4550,
0.3804

57.7320, 0.3448,
0.3449

29.8822, 0.4899,
0.3854

65.5194, 0.3258,
0.3359

26.3349, 0.5246,
0.3865

74.1036, 0.3097,
0.3274

23.3862, 0.5563,
0.3827

83.5071, 0.2961,
0.3195

■ 20.9944, 0.5821,
0.3742

■ 92.7727, 0.2923,
0.3268

■ 20.5793, 0.5868,
0.3723

■ 94.1193, 0.2923,
0.3289

Harmonies

Analogous

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



44.4507, 0.3834, 0.3316



44.4507, 0.3928, 0.3639



44.4507, 0.3792, 0.3901

Triad

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



44.4507, 0.3928, 0.3639



44.4507, 0.2714, 0.3592



44.4507, 0.2752, 0.2647

Complementary

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



44.4507, 0.3928, 0.3639



48.2695, 0.2544, 0.2907

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.



44.4507, 0.2487, 0.2676



44.4507, 0.3928, 0.3639



44.4507, 0.2465, 0.3199

Square

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



44.4507, 0.3928, 0.3639



44.4507, 0.3082, 0.3904



44.4507, 0.2386, 0.2867



44.4507, 0.3132, 0.2767

Rectangle

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



44.4507, 0.3928, 0.3639



44.4507, 0.3597, 0.3998



44.4507, 0.2386, 0.2867



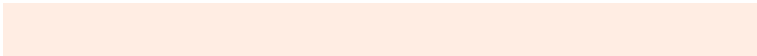
44.4507, 0.2647, 0.2639

Sweetspot

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



44.4528, 0.3928, 0.3639



87.1534, 0.3313, 0.3386



37.1238, 0.3443, 0.2640



18.3356, 0.3338, 0.3398



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.



44.4528, 0.3928, 0.3639



54.9867, 0.4172, 0.3715



61.8300, 0.3750, 0.4092



13.7821, 0.3283, 0.3371



12.1402, 0.5839, 0.3745



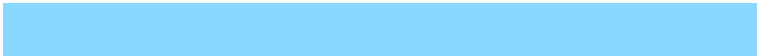
0.9440, 0.5524, 0.3996

Inverse Universe

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



48.2695, 0.2544, 0.2907



60.9699, 0.2424, 0.2807



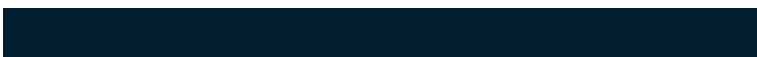
32.6787, 0.2459, 0.2333



14.0342, 0.2982, 0.3207



14.9783, 0.1924, 0.2126



1.1287, 0.1983, 0.2338

Previews

White Background



This preview shows how the Yxy color 44.4507, 0.3928, 0.3639 looks on a white background.

Color Contrast Check

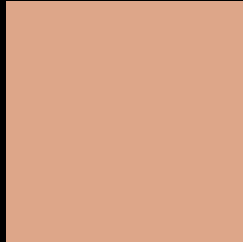
Large Text (above 18pt) WCAG AA × Fail

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 44.4507, 0.3928, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

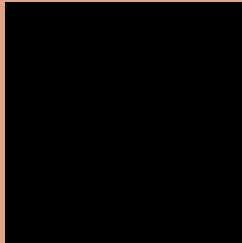
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4507, 0.3928, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 44.4507, 0.3928, 0.3639.



This preview shows how white text looks on a background with the Yxy color 44.4507, 0.3928, 0.3639.

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

44.4507, 0.3928, 0.3639

Protanopia

44.6428, 0.3521, 0.3755

Deuteranopia

44.4587, 0.3799, 0.3728



Tritanopia

44.5144, 0.3634, 0.3151

Trichromacy



Original Color

44.4507, 0.3928, 0.3639

Protanomaly

44.6127, 0.3665, 0.3714

Deuteranomaly

44.2996, 0.3846, 0.3698

Tritanomaly

44.5797, 0.3746, 0.3327

Monochromacy



Original Color

44.4507, 0.3928, 0.3639

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4218, 0.3394, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4507, 0.3928, 0.3639 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(221, 166, 137)` looks like.

```
.text, #text, p{  
    color:rgb(221, 166, 137)  
}
```

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(221, 166, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 166, 137) }
```

Border

The CSS property to change the border of an element to Yxy 44.4507, 0.3928, 0.3639 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(221, 166, 137) }
```

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

```
.border{ border-color:rgb(221, 166, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 166, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 166, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 166, 137); box-shadow:4px 4px 4px 4px rgb(221, 166, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4507, 0.3928, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 166, 137) }
```

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

```
.background{ background-color: rgb(221,  
166, 137) }
```

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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