

Converting Colors

$Y_{xy}(39.2560, 0.4197, 0.3928)$

Have a look what the booklet for
Yxy(39.2560, 0.4197, 0.3928)
contains.

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Color

Yxy(39.2800, 0.4202, 0.3926)

Conversions

Conversions Part 1

Format	Color
Hex	D59D69
RGB	213, 157, 105
RGB Percent	84%, 62%, 41%
CMY	0.1648, 0.3842, 0.5882
CMYK	0.00, 0.26, 0.51, 0.16
HSL	29°, 56%, 62%
HSV	29°, 51%, 84%
XYZ	42.0414, 39.2800, 18.7295
YIQ	167.8160, 50.0680, -4.3000

Conversions

Conversions Part 2

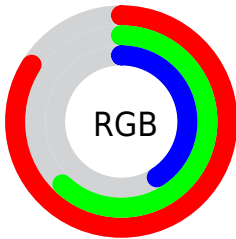
Format	Color
RYB	213, 205, 105
Decimal	13999465
CIELab	68.95, 14.78, 35.24
CIElCh	69, 38.218, 67.243
Yxy	39.2800, 0.4202, 0.3926
Android (android.graphics.Color)	4292189545 (0xFFD59D69)
YUV	167.8160, -30.9683, 39.6264
Hunter-Lab	62.6738, 10.0583, 26.1533

Details

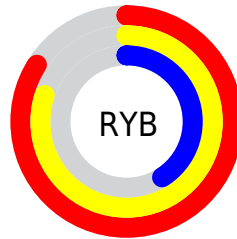
The Yxy color **39.2800, 0.4202, 0.3926** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.2791, 0.2323, 0.2529**, and the grayscale version is **39.1997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7813, 0.3863, 0.3858**, and **17.6615, 0.4515, 0.4073** is the 20% darker color. If you saturate the color by 10%, you get **35.3294, 0.4481, 0.4028**, and if you desaturate by 10%, it is **43.6815, 0.3940, 0.3805**.

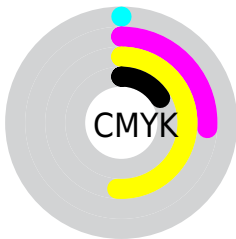
Distribution



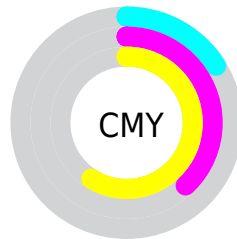
- Red (84%)
- Green (62%)
- Blue (41%)



- Red (84%)
- Yellow (80%)
- Blue (41%)



- Cyan (0%)
- Magenta (26%)
- Yellow (51%)
- Black (16%)



- Cyan (16%)
- Magenta (38%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2800, 0.4202, 0.3926 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 39.2800, 0.4202, 0.3926 by changing the saturation by 10% instead.

 39.2800, 0.4202,
0.3926


 39.2800, 0.4202,
0.3926


343.0795, 0.3654,
0.3626


 26.9776, 0.4338,
0.3991


 74.0659, 0.4002,
0.3824

 17.5564, 0.4509,
0.4066


 97.3181, 0.3927,
0.3783

 10.6320, 0.4730,
0.4150


 124.9892, 0.3864,
0.3748

 5.8200, 0.5018,
0.4234

 157.4634, 0.3810,
0.3717

 2.7359, 0.5573,
0.4427

195.1251, 0.3763,
0.3691

 0.9955, 0.5831,
0.4169

238.3587, 0.3722,

 0.0000, 1.0000,

0.3667

0.0000

287.5487, 0.3686,
0.3645

0.0000, 0.0000,
0.0000

39.2800, 0.4202,
0.3926

39.2800, 0.4202,
0.3926

35.3294, 0.4481,
0.4028

43.6815, 0.3940,
0.3805

31.8067, 0.4765,
0.4100

48.5441, 0.3701,
0.3676

28.6951, 0.5039,
0.4127

53.8849, 0.3489,
0.3545

25.9734, 0.5282,
0.4102

59.7181, 0.3301,
0.3418

23.7643, 0.5475,
0.4035

66.0573, 0.3138,
0.3298

■ 72.9155, 0.2996,
0.3186

■ 80.3051, 0.2872,
0.3082

■ 86.8556, 0.2873,
0.3189

■ 92.8821, 0.2877,
0.3289

Harmonies

Analogous

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



39.2800, 0.4226, 0.3499



39.2800, 0.4202, 0.3926



39.2800, 0.3876, 0.4243

Triad

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



39.2800, 0.4202, 0.3926



39.2800, 0.2374, 0.3467



39.2800, 0.2813, 0.2463

Complementary

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



39.2800, 0.4202, 0.3926



33.2791, 0.2323, 0.2529

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.



39.2800, 0.2376, 0.2404



39.2800, 0.4202, 0.3926



39.2800, 0.2140, 0.2921

Square

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



39.2800, 0.4202, 0.3926



39.2800, 0.2814, 0.4011



39.2800, 0.2143, 0.2552



39.2800, 0.3380, 0.2699

Rectangle

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



39.2800, 0.4202, 0.3926



39.2800, 0.3547, 0.4322



39.2800, 0.2143, 0.2552



39.2800, 0.2648, 0.2422

Sweetspot

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



39.2819, 0.4202, 0.3926



85.7754, 0.3382, 0.3474



26.8742, 0.3773, 0.2596



17.9615, 0.3422, 0.3501



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.



39.2819, 0.4202, 0.3926



52.5927, 0.4507, 0.4037



60.9465, 0.3883, 0.4476



13.3982, 0.3279, 0.3403



14.7228, 0.5452, 0.4053



1.0533, 0.5178, 0.4271

Inverse Universe

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



33.2791, 0.2323, 0.2529



42.5646, 0.2164, 0.2327



18.6573, 0.2169, 0.1740



13.0626, 0.2982, 0.3175



10.0027, 0.1791, 0.1648



0.7688, 0.1876, 0.1953

Previews

White Background



This preview shows how the Yxy color 39.2800, 0.4202, 0.3926 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 39.2800, 0.4202, 0.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

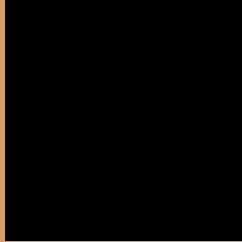
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2800, 0.4202, 0.3926

Background



This preview shows how black text looks on a background with the Yxy color 39.2800, 0.4202, 0.3926.



This preview shows how white text looks on a background with the Yxy color 39.2800, 0.4202, 0.3926.

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

39.2800, 0.4202, 0.3926

Protanopia

39.5473, 0.3792, 0.4111

Deuteranopia

39.3266, 0.4095, 0.4011



Tritanopia

39.2913, 0.3718, 0.3158

Trichromacy



Original Color

39.2800, 0.4202, 0.3926

Protanomaly

39.4623, 0.3933, 0.4041

Deuteranomaly

39.4065, 0.4131, 0.3990

Tritanomaly

39.3045, 0.3896, 0.3440

Monochromacy



Original Color

39.2800, 0.4202, 0.3926

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7856, 0.3494, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2800, 0.4202, 0.3926 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(213, 157, 105)` looks like.

```
.text, #text, p{  
    color:rgb(213, 157, 105)  
}
```

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(213, 157, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 157, 105) }
```

Border

The CSS property to change the border of an element to Yxy 39.2800, 0.4202, 0.3926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

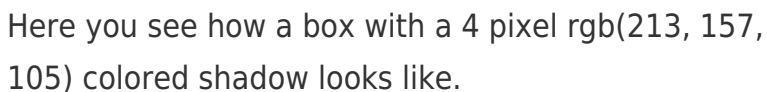
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 157, 105) }
```

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

```
.border{ border-color:rgb(213, 157, 105) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 157, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 157, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 157, 105); box-shadow:4px 4px 4px 4px rgb(213, 157, 105) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2800, 0.4202, 0.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 157, 105) }
```

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

```
.background{ background-color: rgb(213,  
157, 105) }
```

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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