

# Converting Colors

$Yxy(41.9215, 0.3737, 0.3489)$

Have a look what the booklet for  
Yxy(41.9215, 0.3737, 0.3489)  
contains.

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# Color

**Yxy(42.0026, 0.3736, 0.3492)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2A393
RGB	210, 163, 147
RGB Percent	82%, 64%, 58%
CMY	0.1766, 0.3607, 0.4235
CMYK	0.00, 0.22, 0.30, 0.18
HSL	15°, 41%, 70%
HSV	15°, 30%, 82%
XYZ	44.9375, 42.0026, 33.3423
YIQ	175.2290, 33.1480, 4.9880

# Conversions

## Conversions Part 2

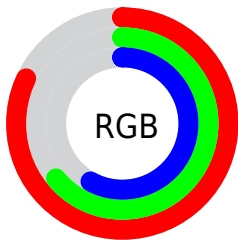
Format	Color
R <sub>Y</sub> B	210, 168, 147
Decimal	13804435
CIE Lab	70.87, 15.07, 14.97
CIE LCh	71, 21.242, 44.826
Yxy	42.0026, 0.3736, 0.3492
Android (android.graphics.Color)	4291994515 (0xFFD2A393)
YUV	175.2290, -13.9169, 30.4942
Hunter-Lab	64.8094, 10.3517, 14.8639

# Details

The Yxy color  $42.0026, 0.3736, 0.3492$  is a light color, and the websafe version is hex `CC9999`. A complement of this color would be  $49.4234, 0.2674, 0.3077$ , and the grayscale version is  $43.0555, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $75.6199, 0.3521, 0.3464$ , and  $19.0834, 0.3923, 0.3544$  is the 20% darker color. If you saturate the color by 10%, you get  $36.1831, 0.4019, 0.3562$ , and if you desaturate by 10%, it is  $48.6349, 0.3496, 0.3422$ .

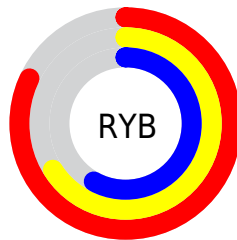
# Distribution



Red (82%)

Green (64%)

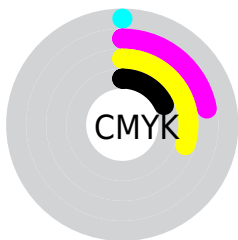
Blue (58%)



Red (82%)

Yellow (66%)

Blue (58%)

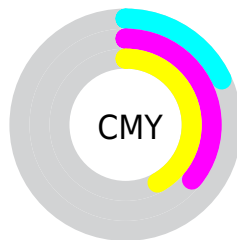


Cyan (0%)

Magenta (22%)

Yellow (30%)

Black (18%)



Cyan (18%)

Magenta (36%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0026, 0.3736, 0.3492 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 42.0026, 0.3736, 0.3492 by changing the saturation by 10% instead.





 42.0026, 0.3736,  
0.3492

 42.0026, 0.3736,  
0.3492


354.4937, 0.3424,  
0.3397

 29.1033, 0.3816,  
0.3514


 78.2036, 0.3621,  
0.3459

 19.1590, 0.3920,  
0.3540

 102.2740, 0.3578,  
0.3446

 11.7852, 0.4061,  
0.3573


130.8370, 0.3542,  
0.3435

 6.5976, 0.4260,  
0.3613

164.2770, 0.3511,  
0.3425

 3.2117, 0.4562,  
0.3658

202.9782, 0.3485,  
0.3417

 1.2433, 0.5309,  
0.3870

247.3251, 0.3462,

 0.0966, 0.8263,

0.3409

0.1737

297.7022, 0.3442,  
0.3403

0.0000, 0.0000,  
0.0000

42.0026, 0.3736,  
0.3492

42.0026, 0.3736,  
0.3492

36.1831, 0.4019,  
0.3562

48.6349, 0.3496,  
0.3422

31.1389, 0.4347,  
0.3626

56.1039, 0.3295,  
0.3354

26.8383, 0.4714,  
0.3676

64.4399, 0.3127,  
0.3290

23.2448, 0.5105,  
0.3701

73.6697, 0.2987,  
0.3231

20.3189, 0.5488,  
0.3691

83.8193, 0.2869,  
0.3178

■ 18.0166, 0.5823,  
0.3638

■ 92.4386, 0.2860,  
0.3289

■ 16.2817, 0.6081,  
0.3553

■ 16.2806, 0.6081,  
0.3553

# Harmonies

## Analogous

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



42.0026, 0.3610, 0.3236



42.0026, 0.3736, 0.3492



42.0026, 0.3688, 0.3713

# Triad

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



42.0026, 0.3736, 0.3492



42.0026, 0.2893, 0.3604



42.0026, 0.2762, 0.2783

# Complementary

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



42.0026, 0.3736, 0.3492



49.4234, 0.2674, 0.3077

# 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.



42.0026, 0.2590, 0.2850



42.0026, 0.3736, 0.3492



42.0026, 0.2662, 0.3318

# Square

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



42.0026, 0.3736, 0.3492



42.0026, 0.3194, 0.3798



42.0026, 0.2555, 0.3040



42.0026, 0.3037, 0.2840



# Rectangle

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



42.0026, 0.3736, 0.3492



42.0026, 0.3567, 0.3808



42.0026, 0.2555, 0.3040



42.0026, 0.2691, 0.2791

# Sweetspot

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



42.0046, 0.3736, 0.3492



88.1715, 0.3279, 0.3348



38.4717, 0.3308, 0.2721



18.4857, 0.3306, 0.3357



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.



42.0046, 0.3736, 0.3492



59.2581, 0.3912, 0.3537



54.4932, 0.3627, 0.3862



12.2898, 0.3284, 0.3350



10.0706, 0.6056, 0.3573



0.6925, 0.5688, 0.3865



# Inverse Universe

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



49.4234, 0.2674, 0.3077



72.5485, 0.2583, 0.3025



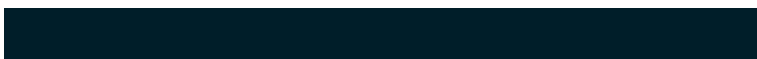
36.9592, 0.2626, 0.2643



12.8768, 0.2983, 0.3230



17.6341, 0.2014, 0.2451



1.1089, 0.2062, 0.2623



# Previews

## White Background



This preview shows how the Yxy color 42.0026, 0.3736, 0.3492 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 42.0026, 0.3736, 0.3492 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

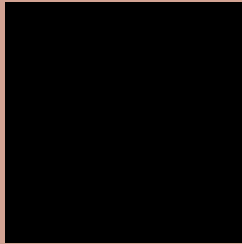
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 42.0026, 0.3736, 0.3492**

## Background



This preview shows how black text looks on a background with the Yxy color 42.0026, 0.3736, 0.3492.



This preview shows how white text looks on a background with the Yxy color 42.0026, 0.3736, 0.3492.

# 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

42.0026, 0.3736, 0.3492

### Protanopia

42.0992, 0.3389, 0.3576

### Deuteranopia

41.9921, 0.3634, 0.3563



## Tritanopia

41.9210, 0.3533, 0.3132

# Trichromacy



## Original Color

42.0026, 0.3736, 0.3492

## Protanomaly

41.7844, 0.3513, 0.3543

## Deuteranomaly

42.1851, 0.3676, 0.3547

## Tritanomaly

41.7830, 0.3609, 0.3254

# Monochromacy



## Original Color

42.0026, 0.3736, 0.3492

## Achromatopsia

42.8690, 0.3127, 0.3290

## Achromatomaly

42.5338, 0.3335, 0.3370

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 42.0026, 0.3736, 0.3492 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(210, 163, 147)` looks like.

```
.text, #text, p{  
    color:rgb(210, 163, 147)  
}
```

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(210, 163, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 163, 147) }
```

## Border

The CSS property to change the border of an element to Yxy 42.0026, 0.3736, 0.3492 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(210, 163, 147) }
```

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

```
.border{ border-color:rgb(210, 163, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 163, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 163, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 163, 147);  
box-shadow:4px 4px 4px 4px rgb(210, 163,  
147) }
```



# Background

The CSS property to change the background color of an element to Yxy 42.0026, 0.3736, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 163, 147) }
```

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

```
.background{ background-color: rgb(210,  
163, 147) }
```

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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