

Converting Colors

$Y_{xy}(37.0290, 0.4352, 0.3825)$

Have a look what the booklet for
Yxy(37.0290, 0.4352, 0.3825)
contains.

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Color

Yxy(36.9068, 0.4351, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	DB9367
RGB	219, 147, 103
RGB Percent	86%, 58%, 40%
CMY	0.1412, 0.4235, 0.5960
CMYK	0.00, 0.33, 0.53, 0.14
HSL	23°, 62%, 63%
HSV	23°, 53%, 86%
XYZ	42.0921, 36.9068, 17.7424
YIQ	163.5120, 57.0360, 1.5800

Conversions

Conversions Part 2

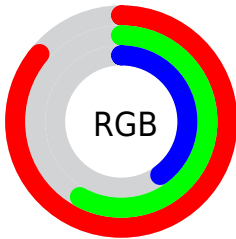
Format	Color
R _Y B	219, 174, 103
Decimal	14390119
CIE Lab	67.21, 22.47, 34.22
CIE LCh	67, 40.936, 56.716
Yxy	36.9068, 0.4351, 0.3815
Android (android.graphics.Color)	4292580199 (0xFFDB9367)
YUV	163.5120, -29.8324, 48.6630
Hunter-Lab	60.7510, 17.3620, 25.2100

Details

The Yxy color **36.9068, 0.4351, 0.3815** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.6541, 0.2324, 0.2665**, and the grayscale version is **37.0062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3998, 0.3922, 0.3770**, and **16.2186, 0.4715, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **32.5443, 0.4676, 0.3888**, and if you desaturate by 10%, it is **41.8875, 0.4051, 0.3722**.

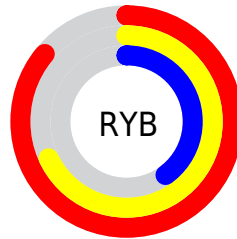
Distribution



Red (86%)

Green (58%)

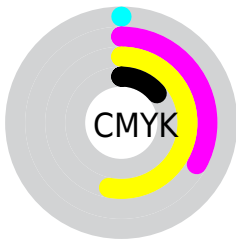
Blue (40%)



Red (86%)

Yellow (68%)

Blue (40%)

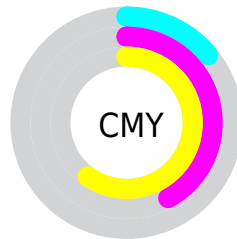


Cyan (0%)

Magenta (33%)

Yellow (53%)

Black (14%)



Cyan (14%)


Magenta (42%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9068, 0.4351, 0.3815 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 36.9068, 0.4351, 0.3815 by changing the saturation by 10% instead.

 36.9068, 0.4351,
0.3815

 36.9068, 0.4351,
0.3815


332.9068, 0.3717,
0.3578

 25.1353, 0.4511,
0.3861


 70.4294, 0.4118,
0.3738

 16.1779, 0.4715,
0.3911


 92.9494, 0.4031,
0.3706

 9.6501, 0.4980,
0.3958


 119.8209, 0.3958,
0.3678

 5.1676, 0.5331,
0.3985

 151.4285, 0.3896,
0.3653

 2.3459, 0.5955,
0.4045

188.1565, 0.3842,
0.3631

 0.7979, 0.6366,
0.3634

230.3893, 0.3795,

 0.0000, 1.0000,

0.3612

0.0000

278.5113, 0.3754,
0.3594

0.0000, 0.0000,
0.0000

36.9068, 0.4351,
0.3815

36.9068, 0.4351,
0.3815

32.5443, 0.4676,
0.3888

41.8875, 0.4051,
0.3722

28.7680, 0.5010,
0.3927

47.5055, 0.3782,
0.3620

25.5509, 0.5330,
0.3922

53.7860, 0.3548,
0.3516

22.8606, 0.5607,
0.3863

60.7506, 0.3346,
0.3414

21.2554, 0.5773,
0.3798

68.4204, 0.3173,
0.3317

■ 76.8152, 0.3026,
0.3227

■ 85.8694, 0.2907,
0.3158

■ 93.7972, 0.2911,
0.3289

Harmonies

Analogous

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



36.9068, 0.4249, 0.3341



36.9068, 0.4351, 0.3815



36.9068, 0.4094, 0.4224

Triad

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



36.9068, 0.4351, 0.3815



36.9068, 0.2451, 0.3707



36.9068, 0.2595, 0.2350

Complementary

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



36.9068, 0.4351, 0.3815



38.6541, 0.2324, 0.2665

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.



36.9068, 0.2197, 0.2358



36.9068, 0.4351, 0.3815



36.9068, 0.2117, 0.3075

Square

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



36.9068, 0.4351, 0.3815



36.9068, 0.2985, 0.4243



36.9068, 0.2033, 0.2596



36.9068, 0.3176, 0.2542

Rectangle

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



36.9068, 0.4351, 0.3815



36.9068, 0.3775, 0.4390



36.9068, 0.2033, 0.2596



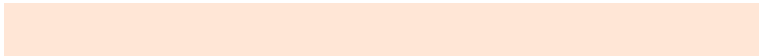
36.9068, 0.2438, 0.2328

Sweetspot

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



36.9086, 0.4351, 0.3815



82.5401, 0.3407, 0.3446



27.9149, 0.3668, 0.2441



17.2266, 0.3448, 0.3467



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.



36.9086, 0.4351, 0.3815



45.0461, 0.4729, 0.3896



58.9950, 0.3979, 0.4417



13.8571, 0.3282, 0.3379



12.8011, 0.5746, 0.3820



0.9924, 0.5441, 0.4062

Inverse Universe

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



38.6541, 0.2324, 0.2665



47.6630, 0.2177, 0.2498



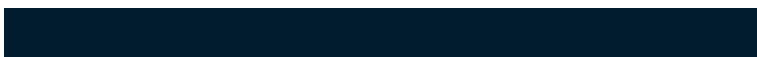
21.0691, 0.2153, 0.1820



13.9564, 0.2982, 0.3199



13.6770, 0.1890, 0.2003



1.0502, 0.1955, 0.2236

Previews

White Background



This preview shows how the Yxy color 36.9068, 0.4351, 0.3815 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 36.9068, 0.4351, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

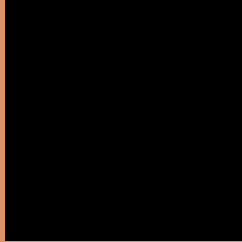
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9068, 0.4351, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 36.9068, 0.4351, 0.3815.



This preview shows how white text looks on a background with the Yxy color 36.9068, 0.4351, 0.3815.

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

36.9068, 0.4351, 0.3815

Protanopia

37.1417, 0.3757, 0.4050

Deuteranopia

37.0593, 0.4087, 0.4018



Tritanopia

36.9721, 0.3908, 0.3173

Trichromacy



Original Color

36.9068, 0.4351, 0.3815

Protanomaly

36.8527, 0.3973, 0.3971

Deuteranomaly

36.8636, 0.4187, 0.3933

Tritanomaly

36.8957, 0.4079, 0.3401

Monochromacy



Original Color

36.9068, 0.4351, 0.3815

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5971, 0.3540, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9068, 0.4351, 0.3815 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(219, 147, 103)` looks like.

```
.text, #text, p{  
    color:rgb(219, 147, 103)  
}
```

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(219, 147, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 147, 103) }
```

Border

The CSS property to change the border of an element to Yxy 36.9068, 0.4351, 0.3815 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(219, 147, 103) }
```

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

```
.border{ border-color:rgb(219, 147, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 147, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 147, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 147, 103);  
box-shadow:4px 4px 4px 4px rgb(219, 147,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9068, 0.4351, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 147, 103) }
```

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

```
.background{ background-color: rgb(219,  
147, 103) }
```

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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