

Converting Colors

$Y_{xy}(37.1535, 0.4349, 0.3821)$

Have a look what the booklet for
Yxy(37.1535, 0.4349, 0.3821)
contains.

Yxy(37.2192, 0.4344, 0.3827)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.2192, 0.4344, 0.3827)

Conversions

Conversions Part 1

Format	Color
Hex	DB9467
RGB	219, 148, 103
RGB Percent	86%, 58%, 40%
CMY	0.1412, 0.4195, 0.5961
CMYK	0.00, 0.32, 0.53, 0.14
HSL	23°, 62%, 63%
HSV	23°, 53%, 86%
XYZ	42.2472, 37.2192, 17.7878
YIQ	164.0990, 56.7610, 1.0570

Conversions

Conversions Part 2

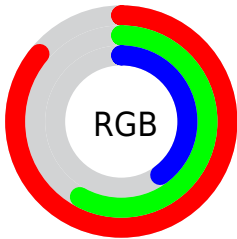
Format	Color
R _Y B	219, 177, 103
Decimal	14390375
CIE Lab	67.44, 21.92, 34.53
CIE LCh	67, 40.903, 57.589
Yxy	37.2192, 0.4344, 0.3827
Android (android.graphics.Color)	4292580455 (0xFFDB9467)
YUV	164.0990, -30.1218, 48.1482
Hunter-Lab	61.0075, 16.8467, 25.4183

Details

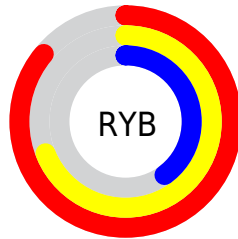
The Yxy color **37.2192, 0.4344, 0.3827** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.2542, 0.2321, 0.2650**, and the grayscale version is **37.3007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8676, 0.3918, 0.3780**, and **16.4023, 0.4703, 0.3923** is the 20% darker color. If you saturate the color by 10%, you get **32.8740, 0.4665, 0.3902**, and if you desaturate by 10%, it is **42.1698, 0.4047, 0.3732**.

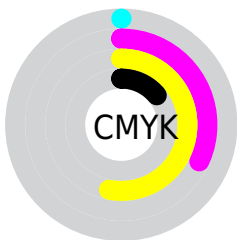
Distribution



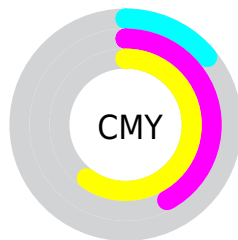
- Red (86%)
- Green (58%)
- Blue (40%)



- Red (86%)
- Yellow (69%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (53%)
- Black (14%)





- Cyan (14%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2192, 0.4344, 0.3827 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 37.2192, 0.4344, 0.3827 by changing the saturation by 10% instead.


 37.2192, 0.4344,
0.3827


 37.2192, 0.4344,
0.3827


334.2586, 0.3715,
0.3584

 25.3773, 0.4502,
0.3875


 70.9098, 0.4113,
0.3747

 16.3583, 0.4704,
0.3926


 93.5272, 0.4027,
0.3715

 9.7781, 0.4965,
0.3977


 120.5053, 0.3954,
0.3686

 5.2521, 0.5310,
0.4008

 152.2283, 0.3892,
0.3661

 2.3959, 0.5924,
0.4076

189.0808, 0.3839,
0.3638

 0.8238, 0.6318,
0.3682

231.4471, 0.3792,

 0.0000, 1.0000,

0.3618

0.0000

279.7115, 0.3751,
0.3600

0.0000, 0.0000,
0.0000

37.2192, 0.4344,
0.3827

37.2192, 0.4344,
0.3827

32.8740, 0.4665,
0.3902

42.1698, 0.4047,
0.3732

29.1030, 0.4995,
0.3943

47.7442, 0.3780,
0.3628

25.8799, 0.5310,
0.3939

53.9667, 0.3547,
0.3521

23.1735, 0.5585,
0.3882

60.8585, 0.3346,
0.3417

21.5538, 0.5749,
0.3818

68.4400, 0.3173,
0.3318

■ 76.7303, 0.3026,
0.3226

■ 85.6651, 0.2907,
0.3154

■ 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.



37.2192, 0.4253, 0.3355



37.2192, 0.4344, 0.3827



37.2192, 0.4079, 0.4231

Triad

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



37.2192, 0.4344, 0.3827



37.2192, 0.2441, 0.3687



37.2192, 0.2611, 0.2355

Complementary

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



37.2192, 0.4344, 0.3827



38.2542, 0.2321, 0.2650

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.



37.2192, 0.2209, 0.2357



37.2192, 0.4344, 0.3827



37.2192, 0.2114, 0.3059

Square

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



37.2192, 0.4344, 0.3827



37.2192, 0.2969, 0.4228



37.2192, 0.2037, 0.2589



37.2192, 0.3194, 0.2553

Rectangle

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



37.2192, 0.4344, 0.3827



37.2192, 0.3757, 0.4391



37.2192, 0.2037, 0.2589



37.2192, 0.2453, 0.2332

Sweetspot

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



37.2210, 0.4344, 0.3827



82.7392, 0.3407, 0.3449



27.8332, 0.3692, 0.2462



17.2738, 0.3448, 0.3471



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.



37.2210, 0.4344, 0.3827



45.5205, 0.4717, 0.3911



59.9145, 0.3968, 0.4435



13.8762, 0.3282, 0.3381



12.9806, 0.5722, 0.3839



1.0052, 0.5419, 0.4079

Inverse Universe

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



38.2542, 0.2321, 0.2650



47.0326, 0.2172, 0.2478



20.6095, 0.2147, 0.1793



13.9367, 0.2982, 0.3197



13.3603, 0.1881, 0.1972



1.0310, 0.1947, 0.2210

Previews

White Background



This preview shows how the Yxy color 37.2192, 0.4344, 0.3827 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 37.2192, 0.4344, 0.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

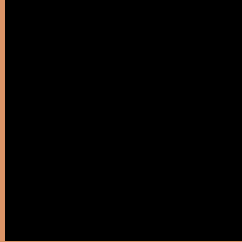
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2192, 0.4344, 0.3827

Background



This preview shows how black text looks on a background with the Yxy color 37.2192, 0.4344, 0.3827.



This preview shows how white text looks on a background with the Yxy color 37.2192, 0.4344, 0.3827.

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

37.2192, 0.4344, 0.3827

Protanopia

37.6198, 0.3762, 0.4060

Deuteranopia

37.1956, 0.4097, 0.4015



Tritanopia

37.3010, 0.3893, 0.3173

Trichromacy



Original Color

37.2192, 0.4344, 0.3827

Protanomaly

37.3271, 0.3978, 0.3980

Deuteranomaly

37.1923, 0.4180, 0.3945

Tritanomaly

37.1973, 0.4074, 0.3413

Monochromacy



Original Color

37.2192, 0.4344, 0.3827

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 37.2192, 0.4344, 0.3827 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, 148, 103)` looks like.

```
.text, #text, p{  
    color:rgb(219, 148, 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, 148, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 148, 103) }
```

Border

The CSS property to change the border of an element to Yxy 37.2192, 0.4344, 0.3827 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, 148, 103) }
```

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

```
.border{ border-color:rgb(219, 148, 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, 148, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 148, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 148, 103);  
box-shadow:4px 4px 4px 4px rgb(219, 148,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2192, 0.4344, 0.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 148, 103) }
```

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

```
.background{ background-color: rgb(219,  
148, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor