

Converting Colors

$Yxy(37.9637, 0.4322, 0.3839)$

Have a look what the booklet for
Yxy(37.9637, 0.4322, 0.3839)
contains.

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Color

Yxy(37.8722, 0.4320, 0.3839)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DB9668 |
| RGB | 219, 150, 104 |
| RGB Percent | 86%, 59%, 41% |
| CMY | 0.1412, 0.4117, 0.5921 |
| CMYK | 0.00, 0.32, 0.53, 0.14 |
| HSL | 24°, 61%, 63% |
| HSV | 24°, 53%, 86% |
| XYZ | 42.6173, 37.8722, 18.1617 |
| YIQ | 165.3870, 55.8900, 0.3220 |

Conversions

Conversions Part 2

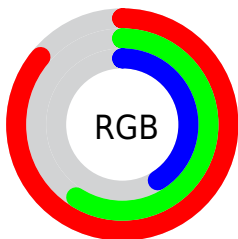
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 219, 181, 104 |
| Decimal | 14390888 |
| CIE _{Lab} | 67.93, 20.94, 34.61 |
| CIE _{LCh} | 68, 40.451, 58.818 |
| Yxy | 37.8722, 0.4320, 0.3839 |
| Android (android.graphics.Color) | 4292580968 (0xFFDB9668) |
| YUV | 165.3870, -30.2638, 47.0186 |
| Hunter-Lab | 61.5404, 15.9173, 25.5807 |

Details

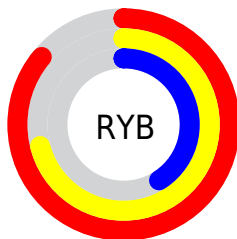
The Yxy color **37.8722, 0.4320, 0.3839** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.9413, 0.2323, 0.2636**, and the grayscale version is **37.9517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8460, 0.3902, 0.3789**, and **16.7863, 0.4666, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **33.5244, 0.4635, 0.3918**, and if you desaturate by 10%, it is **42.8095, 0.4028, 0.3741**.

Distribution



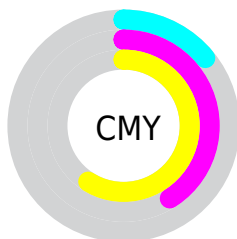
- Red (86%)
- Green (59%)
- Blue (41%)



- Red (86%)
- Yellow (71%)
- Blue (41%)



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





- Cyan (14%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8722, 0.4320, 0.3839 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 37.8722, 0.4320, 0.3839 by changing the saturation by 10% instead.


 37.8722, 0.4320,
0.3839


 37.8722, 0.4320,
0.3839


337.0714, 0.3705,
0.3589


 25.8835, 0.4474,
0.3889


 71.9122, 0.4095,
0.3756


 16.7365, 0.4670,
0.3944

 94.7323, 0.4011,
0.3723

 10.0468, 0.4924,
0.3999

 121.9317, 0.3940,
0.3693

 5.4300, 0.5258,
0.4038

 153.8948, 0.3879,
0.3667

 2.5017, 0.5868,
0.4132

191.0059, 0.3827,
0.3644

 0.8775, 0.6234,
0.3766

233.6494, 0.3781,

 0.0000, 1.0000,

0.3624

0.0000

282.2098, 0.3741,
0.3606

0.0000, 0.0000,
0.0000

37.8722, 0.4320,
0.3839

37.8722, 0.4320,
0.3839

33.5244, 0.4635,
0.3918

42.8095, 0.4028,
0.3741

29.7358, 0.4959,
0.3963

48.3535, 0.3766,
0.3633

26.4815, 0.5270,
0.3964

54.5277, 0.3536,
0.3523

23.7316, 0.5542,
0.3911

61.3523, 0.3337,
0.3416

21.9750, 0.5715,
0.3844

68.8467, 0.3166,
0.3314

■ 77.0294, 0.3020,
0.3220

■ 85.7691, 0.2907,
0.3156

■ 93.7991, 0.2911,
0.3289

Harmonies

Analogous

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



37.8722, 0.4245, 0.3375



37.8722, 0.4320, 0.3839



37.8722, 0.4048, 0.4230

Triad

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



37.8722, 0.4320, 0.3839



37.8722, 0.2434, 0.3655



37.8722, 0.2641, 0.2373

Complementary

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



37.8722, 0.4320, 0.3839



37.9413, 0.2323, 0.2636

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.



37.8722, 0.2234, 0.2367



37.8722, 0.4320, 0.3839



37.8722, 0.2121, 0.3041

Square

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



37.8722, 0.4320, 0.3839



37.8722, 0.2948, 0.4194



37.8722, 0.2055, 0.2586



37.8722, 0.3219, 0.2575

Rectangle

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



37.8722, 0.4320, 0.3839



37.8722, 0.3727, 0.4378



37.8722, 0.2055, 0.2586



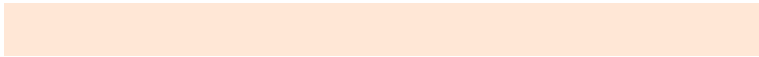
37.8722, 0.2482, 0.2348

Sweetspot

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



37.8741, 0.4320, 0.3839



83.0102, 0.3406, 0.3454



27.9780, 0.3710, 0.2489



17.3381, 0.3447, 0.3476



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.



37.8741, 0.4320, 0.3839



46.7403, 0.4669, 0.3924



60.9246, 0.3950, 0.4445



13.9022, 0.3282, 0.3384



13.2320, 0.5688, 0.3865



1.0230, 0.5391, 0.4102

Inverse Universe

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



37.9413, 0.2323, 0.2636



46.7620, 0.2178, 0.2468



20.4344, 0.2151, 0.1780



13.9100, 0.2982, 0.3194



12.9391, 0.1869, 0.1930



1.0052, 0.1938, 0.2175

Previews

White Background



This preview shows how the Yxy color 37.8722, 0.4320, 0.3839 looks on a white background.

Color Contrast Check

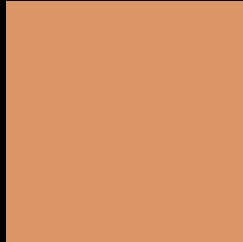
Large Text (above 18pt) WCAG AA × Fail

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 37.8722, 0.4320, 0.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

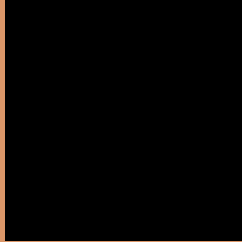
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8722, 0.4320, 0.3839

Background



This preview shows how black text looks on a background with the Yxy color 37.8722, 0.4320, 0.3839.



This preview shows how white text looks on a background with the Yxy color 37.8722, 0.4320, 0.3839.

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

37.8722, 0.4320, 0.3839

Protanopia

38.1015, 0.3768, 0.4070

Deuteranopia

37.8305, 0.4102, 0.4009



Tritanopia

37.9676, 0.3864, 0.3173

Trichromacy



Original Color

37.8722, 0.4320, 0.3839

Protanomaly

37.6937, 0.3962, 0.3980

Deuteranomaly

37.8319, 0.4184, 0.3940

Tritanomaly

37.8649, 0.4042, 0.3413

Monochromacy



Original Color

37.8722, 0.4320, 0.3839

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.4391, 0.3534, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8722, 0.4320, 0.3839 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, 150, 104)` looks like.

```
.text, #text, p{  
    color:rgb(219, 150, 104)  
}
```

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, 150, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 150, 104) }
```

Border

The CSS property to change the border of an element to Yxy 37.8722, 0.4320, 0.3839 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, 150, 104) }
```

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

```
.border{ border-color:rgb(219, 150, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 150, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 150, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 150, 104);  
box-shadow:4px 4px 4px 4px rgb(219, 150,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8722, 0.4320, 0.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 150, 104) }
```

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

```
.background{ background-color: rgb(219,  
150, 104) }
```

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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