

Converting Colors

$Y_{xy}(37.2304, 0.4355, 0.3832)$

Have a look what the booklet for
Yxy(37.2304, 0.4355, 0.3832)
contains.

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Color

Yxy(37.1992, 0.4354, 0.3838)

Conversions

Conversions Part 1

Format	Color
Hex	DB9466
RGB	219, 148, 102
RGB Percent	86%, 58%, 40%
CMY	0.1412, 0.4196, 0.6000
CMYK	0.00, 0.32, 0.53, 0.14
HSL	24°, 62%, 63%
HSV	24°, 53%, 86%
XYZ	42.2004, 37.1992, 17.5238
YIQ	163.9850, 57.0820, 0.7460

Conversions

Conversions Part 2

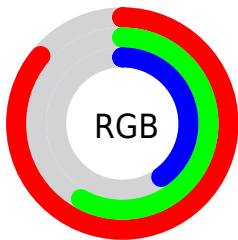
Format	Color
R_{YB}	219, 178, 102
Decimal	14390374
CIE _{Lab}	67.43, 21.85, 35.05
CIE _{LCh}	67, 41.301, 58.063
Yxy	37.1992, 0.4354, 0.3838
Android (android.graphics.Color)	4292580454 (0xFFDB9466)
YUV	163.9850, -30.5586, 48.2482
Hunter-Lab	60.9911, 16.7716, 25.6588

Details

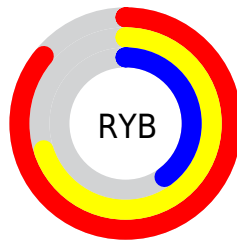
The Yxy color **37.1992, 0.4354, 0.3838** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.8179, 0.2312, 0.2634**, and the grayscale version is **37.2454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8342, 0.3926, 0.3790**, and **16.3928, 0.4715, 0.3936** is the 20% darker color. If you saturate the color by 10%, you get **32.8904, 0.4674, 0.3913**, and if you desaturate by 10%, it is **42.1050, 0.4057, 0.3743**.

Distribution



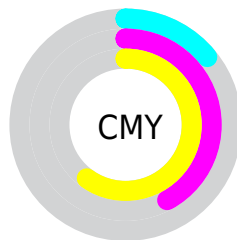
- Red (86%)
- Green (58%)
- Blue (40%)



- Red (86%)
- Yellow (70%)
- 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 37.1992, 0.4354, 0.3838 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 37.1992, 0.4354, 0.3838 by changing the saturation by 10% instead.


 37.1992, 0.4354,
0.3838


 37.1992, 0.4354,
0.3838


334.1721, 0.3720,
0.3590


 25.3618, 0.4513,
0.3887


 70.8790, 0.4122,
0.3757


 16.3468, 0.4715,
0.3939


 93.4902, 0.4035,
0.3723

 9.7699, 0.4977,
0.3990


 120.4615, 0.3962,
0.3694

 5.2466, 0.5323,
0.4021

 152.1772, 0.3899,
0.3668

 2.3927, 0.5921,
0.4079

189.0217, 0.3845,
0.3645

 0.8221, 0.6315,
0.3685

231.3794, 0.3798,

 0.0000, 1.0000,

0.3625

0.0000

279.6348, 0.3757,
0.3607

0.0000, 0.0000,
0.0000

37.1992, 0.4354,
0.3838

37.1992, 0.4354,
0.3838

32.8904, 0.4674,
0.3913

42.1050, 0.4057,
0.3743

29.1476, 0.5001,
0.3953

47.6257, 0.3790,
0.3637

25.9451, 0.5313,
0.3948

53.7854, 0.3557,
0.3529

23.2517, 0.5582,
0.3889

60.6050, 0.3354,
0.3423

21.7357, 0.5734,
0.3829

68.1044, 0.3181,
0.3323

■ 76.3026, 0.3032,
0.3229

■ 85.1992, 0.2907,
0.3146

■ 93.3550, 0.2911,
0.3282

■ 93.7995, 0.2911,
0.3289

Harmonies

Analogous

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



37.1992, 0.4269, 0.3362



37.1992, 0.4354, 0.3838



37.1992, 0.4081, 0.4244

Triad

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



37.1992, 0.4354, 0.3838



37.1992, 0.2427, 0.3681



37.1992, 0.2615, 0.2349

Complementary

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



37.1992, 0.4354, 0.3838



37.8179, 0.2312, 0.2634

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.



37.1992, 0.2205, 0.2347



37.1992, 0.4354, 0.3838



37.1992, 0.2102, 0.3047

Square

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



37.1992, 0.4354, 0.3838



37.1992, 0.2957, 0.4232



37.1992, 0.2029, 0.2576



37.1992, 0.3205, 0.2551

Rectangle

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



37.1992, 0.4354, 0.3838



37.1992, 0.3754, 0.4404



37.1992, 0.2029, 0.2576



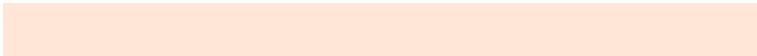
37.1992, 0.2454, 0.2325

Sweetspot

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



37.2010, 0.4354, 0.3838



82.8560, 0.3406, 0.3451



27.6222, 0.3699, 0.2455



17.3015, 0.3447, 0.3473



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.



37.2010, 0.4354, 0.3838



45.8011, 0.4710, 0.3919



59.8468, 0.3974, 0.4444



13.8874, 0.3282, 0.3382



13.0880, 0.5707, 0.3850



1.0128, 0.5407, 0.4089

Inverse Universe

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



37.8179, 0.2312, 0.2634



46.6660, 0.2169, 0.2467



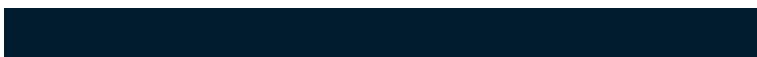
20.3470, 0.2138, 0.1778



13.9252, 0.2982, 0.3196



13.1773, 0.1876, 0.1954



1.0198, 0.1943, 0.2195

Previews

White Background



This preview shows how the Yxy color 37.1992, 0.4354, 0.3838 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 37.1992, 0.4354, 0.3838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

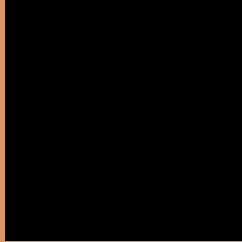
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1992, 0.4354, 0.3838

Background



This preview shows how black text looks on a background with the Yxy color 37.1992, 0.4354, 0.3838.



This preview shows how white text looks on a background with the Yxy color 37.1992, 0.4354, 0.3838.

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

37.1992, 0.4354, 0.3838

Protanopia

37.5767, 0.3780, 0.4087

Deuteranopia

37.1762, 0.4106, 0.4027



Tritanopia

37.3010, 0.3893, 0.3173

Trichromacy



Original Color

37.1992, 0.4354, 0.3838

Protanomaly

37.3062, 0.3987, 0.3993

Deuteranomaly

37.1726, 0.4190, 0.3957

Tritanomaly

37.1973, 0.4074, 0.3413

Monochromacy



Original Color

37.1992, 0.4354, 0.3838

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5672, 0.3549, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1992, 0.4354, 0.3838 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(219, 148, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 148, 102) }
```

Border

The CSS property to change the border of an element to Yxy 37.1992, 0.4354, 0.3838 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, 102) }
```

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

```
.border{ border-color:rgb(219, 148, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 148, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 148, 102);  
box-shadow:4px 4px 4px 4px rgb(219, 148,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1992, 0.4354, 0.3838 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, 102) }
```

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

```
.background{ background-color: rgb(219,  
148, 102) }
```

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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