

Converting Colors

Yxy(37.1488, 0.3898, 0.3439)

Have a look what the booklet for
Yxy(37.1488, 0.3898, 0.3439)
contains.

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Color

Yxy(37.1499, 0.3904, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	D39589
RGB	211, 149, 137
RGB Percent	83%, 58%, 54%
CMY	0.1726, 0.4156, 0.4627
CMYK	0.00, 0.29, 0.35, 0.17
HSL	10°, 46%, 68%
HSV	10°, 35%, 83%
XYZ	42.1241, 37.1499, 28.6258
YIQ	166.1700, 40.8040, 9.4120

Conversions

Conversions Part 2

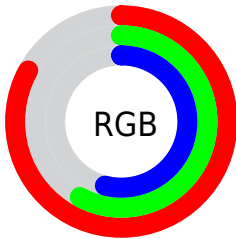
Format	Color
R _Y B	211, 151, 137
Decimal	13866377
CIE Lab	67.39, 21.78, 15.65
CIE LCh	67, 26.817, 35.706
Yxy	37.1499, 0.3904, 0.3443
Android (android.graphics.Color)	4292056457 (0xFFD39589)
YUV	166.1700, -14.3808, 39.3159
Hunter-Lab	60.9507, 16.7006, 14.8197

Details

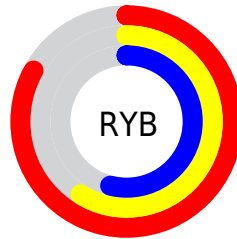
The Yxy color **37.1499, 0.3904, 0.3443** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8662, 0.2614, 0.3129**, and the grayscale version is **38.2772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6896, 0.3639, 0.3426**, and **16.3920, 0.4159, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **31.4278, 0.4234, 0.3486**, and if you desaturate by 10%, it is **43.8430, 0.3627, 0.3398**.

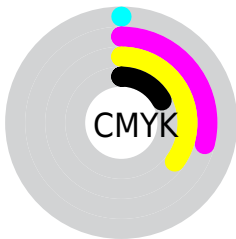
Distribution



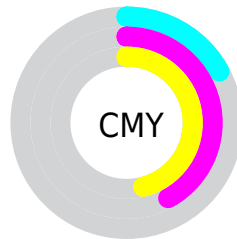
- Red (83%)
- Green (58%)
- Blue (54%)



- Red (83%)
- Yellow (59%)
- Blue (54%)



- Cyan (0%)
- Magenta (29%)
- Yellow (35%)
- Black (17%)





- Cyan (17%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1499, 0.3904, 0.3443 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 37.1499, 0.3904, 0.3443 by changing the saturation by 10% instead.


 37.1499, 0.3904,
0.3443


 37.1499, 0.3904,
0.3443


333.9590, 0.3497,
0.3375


 25.3236, 0.4011,
0.3456


 70.8033, 0.3752,
0.3421

 16.3183, 0.4152,
0.3471


 93.3991, 0.3696,
0.3412

 9.7497, 0.4345,
0.3485


 120.3536, 0.3649,
0.3404

 5.2333, 0.4623,
0.3495

152.0510, 0.3609,
0.3397

 2.3848, 0.5053,
0.3483

188.8759, 0.3575,
0.3391

 0.8180, 0.6313,
0.3687

231.2126, 0.3546,

 0.0000, 1.0000,

0.3385


0.0000


279.4455, 0.3520,
0.3380

 0.0000, 0.0000,
0.0000

 37.1499, 0.3904,
0.3443


 37.1499, 0.3904,
0.3443


 31.4278, 0.4234,
0.3486


 43.8430, 0.3627,
0.3398


 26.6263, 0.4615,
0.3522


 51.5440, 0.3398,
0.3353


 22.6986, 0.5036,
0.3542

 60.2941, 0.3209,
0.3310

 19.5912, 0.5464,
0.3540

 70.1308, 0.3054,
0.3271

 17.2451, 0.5851,
0.3508

 81.0898, 0.2927,
0.3235

■ 15.5926, 0.6143,
0.3449

■ 92.5861, 0.2866,
0.3289

■ 15.0017, 0.6252,
0.3418

Harmonies

Analogous

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



37.1499, 0.3673, 0.3118



37.1499, 0.3904, 0.3443



37.1499, 0.3908, 0.3755

Triad

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



37.1499, 0.3904, 0.3443



37.1499, 0.2930, 0.3808



37.1499, 0.2567, 0.2641

Complementary

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



37.1499, 0.3904, 0.3443



50.8662, 0.2614, 0.3129

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.



37.1499, 0.2398, 0.2770



37.1499, 0.3904, 0.3443



37.1499, 0.2596, 0.3443

Square

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



37.1499, 0.3904, 0.3443



37.1499, 0.3331, 0.4005



37.1499, 0.2408, 0.3056



37.1499, 0.2886, 0.2672

Rectangle

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



37.1499, 0.3904, 0.3443



37.1499, 0.3785, 0.3916



37.1499, 0.2408, 0.3056



37.1499, 0.2492, 0.2666

Sweetspot

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



37.1517, 0.3904, 0.3443



84.2337, 0.3319, 0.3336



35.9091, 0.3273, 0.2543



17.6438, 0.3346, 0.3342



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.



37.1517, 0.3904, 0.3443



50.3994, 0.4143, 0.3475



50.3911, 0.3750, 0.3877



12.1134, 0.3287, 0.3328



9.1546, 0.6231, 0.3434



0.6109, 0.5909, 0.3690

Inverse Universe

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



50.8662, 0.2614, 0.3129



74.4458, 0.2520, 0.3090



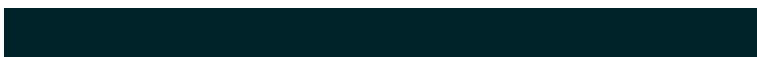
36.1846, 0.2546, 0.2620



13.0671, 0.2983, 0.3251



21.8936, 0.2103, 0.2769



1.3134, 0.2132, 0.2874

Previews

White Background



This preview shows how the Yxy color 37.1499, 0.3904, 0.3443 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 37.1499, 0.3904, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

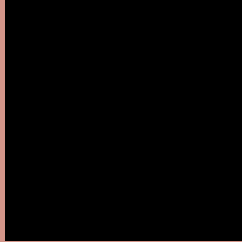
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1499, 0.3904, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 37.1499, 0.3904, 0.3443.



This preview shows how white text looks on a background with the Yxy color 37.1499, 0.3904, 0.3443.

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

37.1499, 0.3904, 0.3443

Protanopia

37.3352, 0.3384, 0.3577

Deuteranopia

37.1501, 0.3670, 0.3604



Tritanopia

37.1382, 0.3722, 0.3155

Trichromacy



Original Color

37.1499, 0.3904, 0.3443

Protanomaly

37.1585, 0.3567, 0.3539

Deuteranomaly

37.2260, 0.3755, 0.3543

Tritanomaly

37.0665, 0.3783, 0.3254

Monochromacy



Original Color

37.1499, 0.3904, 0.3443

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.4533, 0.3389, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1499, 0.3904, 0.3443 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(211, 149, 137)` looks like.

```
.text, #text, p{  
    color:rgb(211, 149, 137)  
}
```

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(211, 149, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 149, 137) }
```

Border

The CSS property to change the border of an element to Yxy 37.1499, 0.3904, 0.3443 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(211, 149, 137) }
```

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

```
.border{ border-color:rgb(211, 149, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 149, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 149, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 149, 137);  
box-shadow:4px 4px 4px 4px rgb(211, 149,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1499, 0.3904, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 149, 137) }
```

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

```
.background{ background-color: rgb(211,  
149, 137) }
```

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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