

Converting Colors

$Yxy(36.8137, 0.3847, 0.3316)$

Have a look what the booklet for
Yxy(36.8137, 0.3847, 0.3316)
contains.

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Color

Yxy(36.9088, 0.3837, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	D49391
RGB	212, 147, 145
RGB Percent	83%, 58%, 57%
CMY	0.1687, 0.4235, 0.4313
CMYK	0.00, 0.31, 0.32, 0.17
HSL	2°, 44%, 70%
HSV	2°, 32%, 83%
XYZ	42.6949, 36.9088, 31.6679
YIQ	166.2070, 39.3820, 13.1580

Conversions

Conversions Part 2

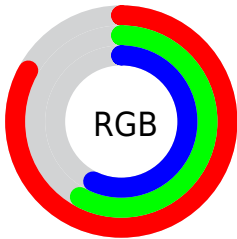
Format	Color
R _Y B	212, 147, 145
Decimal	13931409
CIE Lab	67.21, 24.27, 10.95
CIE LCh	67, 26.626, 24.289
Yxy	36.9088, 0.3837, 0.3317
Android (android.graphics.Color)	4292121489 (0xFFD49391)
YUV	166.2070, -10.4551, 40.1605
Hunter-Lab	60.7526, 19.1268, 11.6213

Details

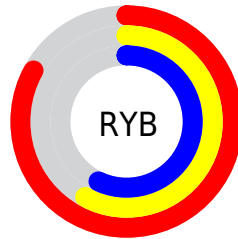
The Yxy color **36.9088, 0.3837, 0.3317** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.8669, 0.2674, 0.3263**, and the grayscale version is **38.2771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1568, 0.3572, 0.3312**, and **16.2599, 0.4062, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **30.4808, 0.4178, 0.3326**, and if you desaturate by 10%, it is **44.6060, 0.3558, 0.3308**.

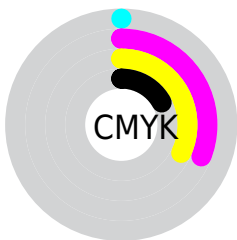
Distribution



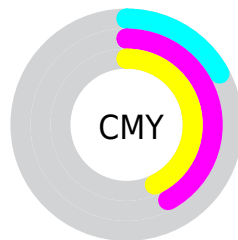
- Red (83%)
- Green (58%)
- Blue (57%)



- Red (83%)
- Yellow (58%)
- Blue (57%)



- Cyan (0%)
- Magenta (31%)
- Yellow (32%)
- Black (17%)





- Cyan (17%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9088, 0.3837, 0.3317 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 36.9088, 0.3837, 0.3317 by changing the saturation by 10% instead.


 36.9088, 0.3837,
0.3317


 36.9088, 0.3837,
0.3317


332.9155, 0.3465,
0.3312

 25.1369, 0.3935,
0.3315


 70.4325, 0.3698,
0.3317

 16.1791, 0.4065,
0.3311


 92.9531, 0.3647,
0.3317

 9.6510, 0.4243,
0.3302


119.8253, 0.3604,
0.3316

 5.1682, 0.4503,
0.3281

151.4336, 0.3568,
0.3315

 2.3463, 0.4911,
0.3230

188.1624, 0.3536,
0.3314

 0.7980, 0.6184,
0.3379

230.3961, 0.3509,


 0.0000, 1.0000,


0.3313


0.0000


278.5190, 0.3486,
0.3313


 0.0000, 0.0000,
0.0000


 36.9088, 0.3837,
0.3317


 36.9088, 0.3837,
0.3317


 30.4808, 0.4178,
0.3326

 44.6060, 0.3558,
0.3308


 25.2489, 0.4584,
0.3334


 53.6299, 0.3333,
0.3299


 21.1409, 0.5041,
0.3338

 64.0407, 0.3152,
0.3291

 18.0744, 0.5513,
0.3338

 75.8934, 0.3007,
0.3284

 15.9561, 0.5936,
0.3332

 89.2401, 0.2890,
0.3277

■ 14.6756, 0.6239,
0.3321

■ 92.7357, 0.2872,
0.3289

■ 14.1326, 0.6383,
0.3314

Harmonies

Analogous

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



36.9088, 0.3538, 0.3005



36.9088, 0.3837, 0.3317



36.9088, 0.3930, 0.3641

Triad

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



36.9088, 0.3837, 0.3317



36.9088, 0.3080, 0.3905



36.9088, 0.2486, 0.2674

Complementary

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



36.9088, 0.3837, 0.3317



56.8669, 0.2674, 0.3263

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.



36.9088, 0.2384, 0.2864



36.9088, 0.3837, 0.3317



36.9088, 0.2711, 0.3591

Square

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



36.9088, 0.3837, 0.3317



36.9088, 0.3477, 0.4015



36.9088, 0.2463, 0.3197



36.9088, 0.2752, 0.2645

Rectangle

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



36.9088, 0.3837, 0.3317



36.9088, 0.3862, 0.3828



36.9088, 0.2463, 0.3197



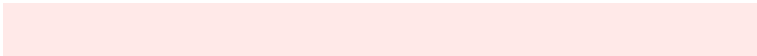
36.9088, 0.2432, 0.2719

Sweetspot

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



36.9106, 0.3837, 0.3317



85.2156, 0.3284, 0.3297



38.9483, 0.3174, 0.2522



17.7638, 0.3313, 0.3298



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.



36.9106, 0.3837, 0.3317



49.2157, 0.4062, 0.3323



48.5298, 0.3713, 0.3715



12.4794, 0.3290, 0.3297



8.7514, 0.6377, 0.3319



0.5492, 0.6303, 0.3377

Inverse Universe

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



56.8669, 0.2674, 0.3263



84.1939, 0.2592, 0.3257



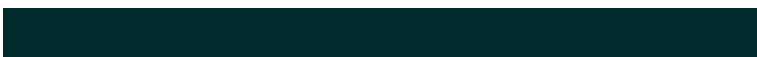
42.3717, 0.2622, 0.2823



14.0415, 0.2983, 0.3283



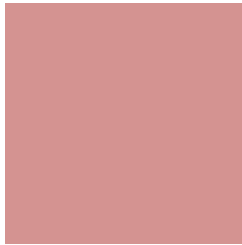
30.1227, 0.2222, 0.3197



1.8372, 0.2226, 0.3214

Previews

White Background



This preview shows how the Yxy color 36.9088, 0.3837, 0.3317 looks on a white background.

Color Contrast Check

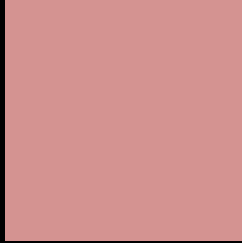
Large Text (above 18pt) WCAG AA × Fail

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 36.9088, 0.3837, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

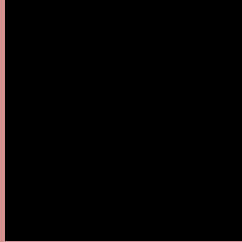
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9088, 0.3837, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 36.9088, 0.3837, 0.3317.



This preview shows how white text looks on a background with the Yxy color 36.9088, 0.3837, 0.3317.

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

36.9088, 0.3837, 0.3317

Protanopia

36.9625, 0.3265, 0.3419

Deuteranopia

37.0017, 0.3561, 0.3497



Tritanopia

36.7972, 0.3736, 0.3155

Trichromacy



Original Color

36.9088, 0.3837, 0.3317

Protanomaly

36.6626, 0.3464, 0.3373

Deuteranomaly

36.8606, 0.3656, 0.3424

Tritanomaly

36.9709, 0.3776, 0.3217

Monochromacy



Original Color

36.9088, 0.3837, 0.3317

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3322, 0.3372, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9088, 0.3837, 0.3317 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(212, 147, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 147, 145)  
}
```

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(212, 147, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 147, 145) }
```

Border

The CSS property to change the border of an element to Yxy 36.9088, 0.3837, 0.3317 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(212, 147, 145) }
```

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

```
.border{ border-color:rgb(212, 147, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 147, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 147, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 147, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 147,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9088, 0.3837, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 147, 145) }
```

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

```
.background{ background-color: rgb(212,  
147, 145) }
```

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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