

Converting Colors

$Yxy(36.7329, 0.3830, 0.3311)$

Have a look what the booklet for
Yxy(36.7329, 0.3830, 0.3311)
contains.

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Color

Yxy(36.7607, 0.3827, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	D39391
RGB	211, 147, 145
RGB Percent	83%, 58%, 57%
CMY	0.1725, 0.4235, 0.4313
CMYK	0.00, 0.30, 0.31, 0.17
HSL	2°, 43%, 70%
HSV	2°, 31%, 83%
XYZ	42.4128, 36.7607, 31.6517
YIQ	165.9080, 38.7860, 12.9460

Conversions

Conversions Part 2

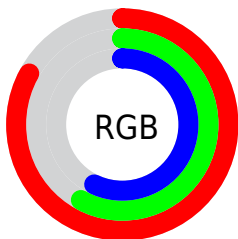
Format	Color
R _Y B	211, 147, 145
Decimal	13865873
CIE Lab	67.10, 23.90, 10.78
CIE LCh	67, 26.224, 24.280
Yxy	36.7607, 0.3827, 0.3317
Android (android.graphics.Color)	4292055953 (0xFFD39391)
YUV	165.9080, -10.3076, 39.5457
Hunter-Lab	60.6306, 18.7621, 11.4896

Details

The Yxy color **36.7607, 0.3827, 0.3317** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.3407, 0.2678, 0.3263**, and the grayscale version is **38.1246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1568, 0.3572, 0.3312**, and **16.1605, 0.4048, 0.3310** is the 20% darker color. If you saturate the color by 10%, you get **30.3620, 0.4166, 0.3326**, and if you desaturate by 10%, it is **44.4162, 0.3550, 0.3308**.

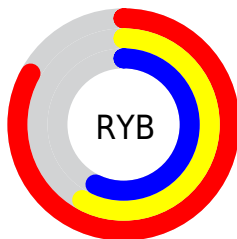
Distribution



Red (83%)

Green (58%)

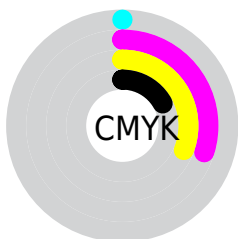
Blue (57%)



Red (83%)

Yellow (58%)

Blue (57%)

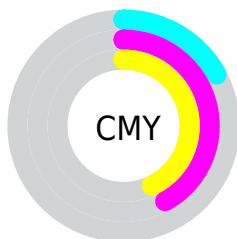


Cyan (0%)

Magenta (30%)

Yellow (31%)

Black (17%)



Cyan (17%)


Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7607, 0.3827, 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 36.7607, 0.3827, 0.3317 by changing the saturation by 10% instead.


 36.7607, 0.3827,
0.3317


 36.7607, 0.3827,
0.3317


332.2733, 0.3460,
0.3311

 25.0223, 0.3924,
0.3315


 70.2046, 0.3689,
0.3317

 16.0936, 0.4052,
0.3311


 92.6788, 0.3639,
0.3316

 9.5904, 0.4229,
0.3302

119.5005, 0.3597,
0.3316

 5.1283, 0.4485,
0.3282

151.0539, 0.3561,
0.3315

 2.3227, 0.4890,
0.3232

187.7235, 0.3530,
0.3314

 0.7857, 0.6173,
0.3389


229.8937, 0.3504,

 0.0000, 1.0000,

0.3313

0.0000


277.9488, 0.3480,
0.3312


 0.0000, 0.0000,
0.0000


 36.7607, 0.3827,
0.3317

 36.7607, 0.3827,
0.3317

 30.3620, 0.4166,
0.3326


 44.4162, 0.3550,
0.3308

 25.1480, 0.4569,
0.3334


 53.3849, 0.3327,
0.3299


 21.0475, 0.5025,
0.3339

 63.7263, 0.3147,
0.3291

 17.9797, 0.5497,
0.3339

 75.4947, 0.3003,
0.3284

 15.8525, 0.5923,
0.3333

 88.7415, 0.2887,
0.3277

■ 14.5579, 0.6231,
0.3321

■ 92.5915, 0.2866,
0.3289

■ 13.9894, 0.6382,
0.3314

Harmonies

Analogous

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



36.7607, 0.3532, 0.3009



36.7607, 0.3827, 0.3317



36.7607, 0.3919, 0.3637

Triad

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



36.7607, 0.3827, 0.3317



36.7607, 0.3081, 0.3896



36.7607, 0.2494, 0.2682

Complementary

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



36.7607, 0.3827, 0.3317



56.3407, 0.2678, 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.



36.7607, 0.2393, 0.2871



36.7607, 0.3827, 0.3317



36.7607, 0.2717, 0.3587

Square

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



36.7607, 0.3827, 0.3317



36.7607, 0.3473, 0.4005



36.7607, 0.2471, 0.3199



36.7607, 0.2757, 0.2653

Rectangle

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



36.7607, 0.3827, 0.3317



36.7607, 0.3852, 0.3821



36.7607, 0.2471, 0.3199



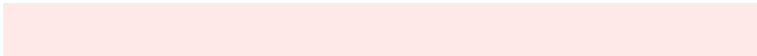
36.7607, 0.2441, 0.2727

Sweetspot

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



36.7624, 0.3827, 0.3317



85.2202, 0.3284, 0.3297



38.7543, 0.3173, 0.2529



17.7649, 0.3313, 0.3299



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.



36.7624, 0.3827, 0.3317



49.2276, 0.4062, 0.3324



48.1819, 0.3706, 0.3710



11.8644, 0.3290, 0.3298



8.4678, 0.6376, 0.3319



0.4940, 0.6297, 0.3382

Inverse Universe

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



56.3407, 0.2678, 0.3263



84.1725, 0.2592, 0.3256



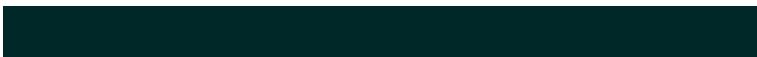
42.1348, 0.2627, 0.2828



13.3435, 0.2983, 0.3283



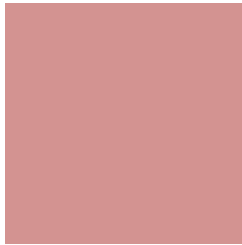
29.1160, 0.2221, 0.3196



1.6476, 0.2226, 0.3214

Previews

White Background



This preview shows how the Yxy color 36.7607, 0.3827, 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 36.7607, 0.3827, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

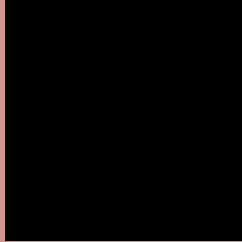
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7607, 0.3827, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 36.7607, 0.3827, 0.3317.



This preview shows how white text looks on a background with the Yxy color 36.7607, 0.3827, 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

36.7607, 0.3827, 0.3317

Protanopia

36.9293, 0.3274, 0.3434

Deuteranopia

37.0017, 0.3561, 0.3497



Tritanopia

36.6481, 0.3725, 0.3155

Trichromacy



Original Color

36.7607, 0.3827, 0.3317

Protanomaly

36.5063, 0.3464, 0.3387

Deuteranomaly

36.8606, 0.3656, 0.3424

Tritanomaly

36.8218, 0.3765, 0.3217

Monochromacy



Original Color

36.7607, 0.3827, 0.3317

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.2100, 0.3362, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7607, 0.3827, 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(211, 147, 145)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 147, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 147, 145) }
```

Border

The CSS property to change the border of an element to Yxy 36.7607, 0.3827, 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(211, 147, 145) }
```

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

```
.border{ border-color:rgb(211, 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(211, 147, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 147, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 147, 145);  
box-shadow:4px 4px 4px 4px rgb(211, 147,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7607, 0.3827, 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(211, 147, 145) }
```

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

```
.background{ background-color: rgb(211,  
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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