

Converting Colors

$Yxy(34.6049, 0.3836, 0.3627)$

Have a look what the booklet for
Yxy(34.6049, 0.3836, 0.3627)
contains.

Yxy(34.6308, 0.3837, 0.3631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.6308, 0.3837, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	C1967D
RGB	193, 150, 125
RGB Percent	76%, 59%, 49%
CMY	0.2432, 0.4117, 0.5099
CMYK	0.00, 0.22, 0.35, 0.24
HSL	22°, 35%, 62%
HSV	22°, 35%, 76%
XYZ	36.5955, 34.6308, 24.1490
YIQ	160.0070, 33.6530, 1.3410

Conversions

Conversions Part 2

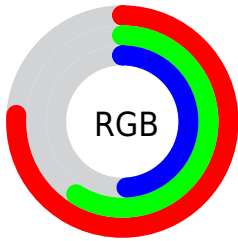
Format	Color
RYB	193, 165, 125
Decimal	12686973
CIELab	65.46, 12.63, 19.39
CIElCh	65, 23.135, 56.924
Yxy	34.6308, 0.3837, 0.3631
Android (android.graphics.Color)	4290877053 (0xFFC1967D)
YUV	160.0070, -17.2585, 28.9349
Hunter-Lab	58.8479, 8.0192, 16.8631

Details

The Yxy color **34.6308, 0.3837, 0.3631** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.1917, 0.2586, 0.2919**, and the grayscale version is **35.2262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9093, 0.3698, 0.3565**, and **14.8488, 0.4068, 0.3717** is the 20% darker color. If you saturate the color by 10%, you get **30.4948, 0.4112, 0.3728**, and if you desaturate by 10%, it is **39.2708, 0.3596, 0.3530**.

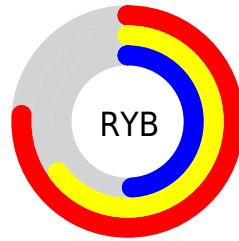
Distribution



Red (76%)

Green (59%)

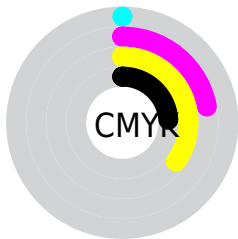
Blue (49%)



Red (76%)

Yellow (65%)

Blue (49%)

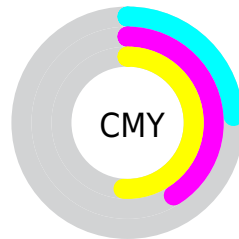


Cyan (0%)

Magenta (22%)

Yellow (35%)

Black (24%)



Cyan (24%)


Magenta (41%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6308, 0.3837, 0.3631 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 34.6308, 0.3837, 0.3631 by changing the saturation by 10% instead.


 34.6308, 0.3837,
0.3631


 34.6308, 0.3837,
0.3631


322.9357, 0.3462,
0.3462


 23.3786, 0.3937,
0.3671


 66.9134, 0.3696,
0.3571

 14.8733, 0.4068,
0.3722


 88.7126, 0.3645,
0.3548

 8.7305, 0.4248,
0.3785


 114.7963, 0.3602,
0.3528

 4.5658, 0.4507,
0.3864

145.5489, 0.3565,
0.3511

 1.9949, 0.4973,
0.4006

181.3547, 0.3534,
0.3496

 0.6045, 0.5937,
0.4063

222.5982, 0.3507,

 0.0000, 0.0000,

0.3484

0.0000

269.6637, 0.3483,
0.3472

■ 34.6308, 0.3837,
0.3631

■ 34.6308, 0.3837,
0.3631

■ 30.4948, 0.4112,
0.3728

■ 39.2708, 0.3596,
0.3530

■ 26.8400, 0.4419,
0.3815

■ 44.4269, 0.3388,
0.3431

■ 23.6491, 0.4750,
0.3879


■ 50.1167, 0.3210,
0.3337


■ 20.9013, 0.5086,
0.3909


■ 56.3557, 0.3058,
0.3249


■ 18.5744, 0.5403,
0.3893


■ 63.1583, 0.2928,
0.3168

 16.6430, 0.5674,
0.3826

 70.5389, 0.2818,
0.3093

 15.8483, 0.5790,
0.3785

 78.1806, 0.2750,
0.3077

 85.4179, 0.2761,
0.3210

 90.0750, 0.2768,
0.3289

Harmonies

Analogous

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



34.6308, 0.3771, 0.3343



34.6308, 0.3837, 0.3631



34.6308, 0.3701, 0.3853

Triad

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



34.6308, 0.3837, 0.3631



34.6308, 0.2733, 0.3527



34.6308, 0.2820, 0.2717

Complementary

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



34.6308, 0.3837, 0.3631



36.1917, 0.2586, 0.2919

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.



34.6308, 0.2570, 0.2732



34.6308, 0.3837, 0.3631



34.6308, 0.2521, 0.3181

Square

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



34.6308, 0.3837, 0.3631



34.6308, 0.3057, 0.3813



34.6308, 0.2464, 0.2893



34.6308, 0.3167, 0.2836

Rectangle

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



34.6308, 0.3837, 0.3631



34.6308, 0.3520, 0.3925



34.6308, 0.2464, 0.2893



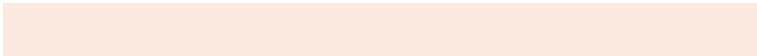
34.6308, 0.2723, 0.2706

Sweetspot

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



34.6324, 0.3837, 0.3631



83.6148, 0.3312, 0.3392



28.8250, 0.3435, 0.2721



17.6443, 0.3337, 0.3405



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.6324, 0.3837, 0.3631



56.4574, 0.4038, 0.3704



47.0604, 0.3688, 0.4054



10.6717, 0.3280, 0.3375



10.6841, 0.5767, 0.3803



0.5938, 0.5342, 0.4141

Inverse Universe

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



36.1917, 0.2586, 0.2919



59.6261, 0.2477, 0.2826



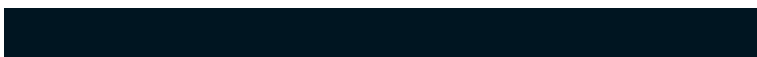
25.2697, 0.2515, 0.2389



10.7847, 0.2984, 0.3203



11.9658, 0.1903, 0.2051



0.6449, 0.1989, 0.2359

Previews

White Background



This preview shows how the Yxy color 34.6308, 0.3837, 0.3631 looks on a white background.

Color Contrast Check

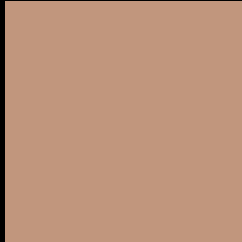
Large Text (above 18pt) WCAG AA × Fail

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 34.6308, 0.3837, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

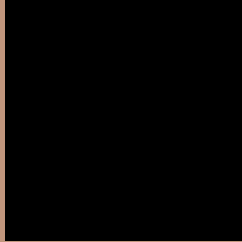
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6308, 0.3837, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 34.6308, 0.3837, 0.3631.



This preview shows how white text looks on a background with the Yxy color 34.6308, 0.3837, 0.3631.

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

34.6308, 0.3837, 0.3631

Protanopia

34.8163, 0.3507, 0.3732

Deuteranopia

34.6768, 0.3759, 0.3695



Tritanopia

34.7279, 0.3544, 0.3146

Trichromacy



Original Color

34.6308, 0.3837, 0.3631

Protanomaly

34.8004, 0.3621, 0.3691

Deuteranomaly

34.7305, 0.3795, 0.3677

Tritanomaly

34.5139, 0.3658, 0.3318

Monochromacy



Original Color

34.6308, 0.3837, 0.3631

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6542, 0.3372, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6308, 0.3837, 0.3631 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(193, 150, 125)` looks like.

```
.text, #text, p{  
    color:rgb(193, 150, 125)  
}
```

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(193, 150, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 150, 125) }
```

Border

The CSS property to change the border of an element to Yxy 34.6308, 0.3837, 0.3631 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(193, 150, 125) }
```

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

```
.border{ border-color:rgb(193, 150, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 150, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 150, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 150, 125);  
box-shadow:4px 4px 4px 4px rgb(193, 150,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6308, 0.3837, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 150, 125) }
```

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

```
.background{ background-color: rgb(193,  
150, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor