

Converting Colors

$Yxy(34.0840, 0.3945, 0.3688)$

Have a look what the booklet for
Yxy(34.0840, 0.3945, 0.3688)
contains.

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Color

Yxy(34.0899, 0.3942, 0.3695)

Conversions

Conversions Part 1

Format	Color
Hex	C39476
RGB	195, 148, 118
RGB Percent	76%, 58%, 46%
CMY	0.2352, 0.4196, 0.5373
CMYK	0.00, 0.24, 0.39, 0.24
HSL	23°, 39%, 61%
HSV	23°, 39%, 76%
XYZ	36.3687, 34.0899, 21.8009
YIQ	158.6330, 37.6420, 0.6340

Conversions

Conversions Part 2

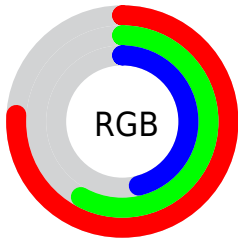
Format	Color
RYB	195, 167, 118
Decimal	12817526
CIELab	65.03, 13.71, 22.71
CIELCh	65, 26.527, 58.879
Yxy	34.0899, 0.3942, 0.3695
Android (android.graphics.Color)	4291007606 (0xFFC39476)
YUV	158.6330, -20.0321, 31.8939
Hunter-Lab	58.3866, 9.0103, 18.7323

Details

The Yxy color **34.0899, 0.3942, 0.3695** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.7080, 0.2519, 0.2840**, and the grayscale version is **34.5760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0260, 0.3784, 0.3627**, and **14.5545, 0.4220, 0.3800** is the 20% darker color. If you saturate the color by 10%, you get **30.1301, 0.4226, 0.3794**, and if you desaturate by 10%, it is **38.5330, 0.3690, 0.3589**.

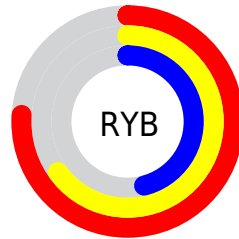
Distribution



Red (76%)

Green (58%)

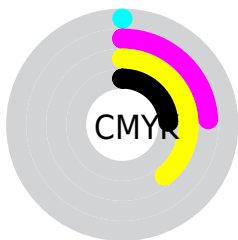
Blue (46%)



Red (76%)

Yellow (65%)

Blue (46%)

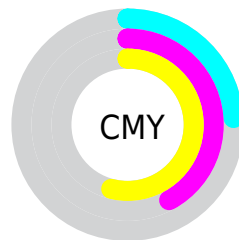


Cyan (0%)

Magenta (24%)

Yellow (39%)

Black (24%)



Cyan (24%)


Magenta (42%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0899, 0.3942, 0.3695 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 34.0899, 0.3942, 0.3695 by changing the saturation by 10% instead.


 34.0899, 0.3942,
0.3695


 34.0899, 0.3942,
0.3695


320.5327, 0.3511,
0.3496

 22.9627, 0.4056,
0.3742


 66.0734, 0.3780,
0.3624

 14.5659, 0.4206,
0.3799


 87.6986, 0.3721,
0.3597

 8.5153, 0.4410,
0.3870


 113.5917, 0.3672,
0.3574

 4.4264, 0.4700,
0.3953

144.1374, 0.3630,
0.3554

 1.9148, 0.5327,
0.4182

179.7199, 0.3594,
0.3537

 0.5573, 0.6081,
0.3919

220.7237, 0.3563,

 0.0000, 0.0000,

0.3521

0.0000

267.5332, 0.3536,
0.3508

■ 34.0899, 0.3942,
0.3695

■ 34.0899, 0.3942,
0.3695

■ 30.1301, 0.4226,
0.3794

■ 38.5330, 0.3690,
0.3589

■ 26.6312, 0.4536,
0.3878

■ 43.4709, 0.3471,
0.3484

■ 23.5760, 0.4862,
0.3934


■ 48.9211, 0.3282,
0.3381

■ 20.9444, 0.5183,
0.3949


■ 54.8983, 0.3120,
0.3285

■ 18.7138, 0.5475,
0.3915

■ 61.4168, 0.2981,
0.3196

 16.8539, 0.5720,
0.3835

 68.4904, 0.2862,
0.3114

 16.7685, 0.5732,
0.3831

 76.1322, 0.2760,
0.3039

 83.0694, 0.2768,
0.3164

 90.3445, 0.2778,
0.3289

Harmonies

Analogous

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



34.0899, 0.3884, 0.3368



34.0899, 0.3942, 0.3695



34.0899, 0.3768, 0.3947

Triad

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



34.0899, 0.3942, 0.3695



34.0899, 0.2653, 0.3538



34.0899, 0.2797, 0.2641

Complementary

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



34.0899, 0.3942, 0.3695



34.7080, 0.2519, 0.2840

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.



34.0899, 0.2503, 0.2645



34.0899, 0.3942, 0.3695



34.0899, 0.2424, 0.3135

Square

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



34.0899, 0.3942, 0.3695



34.0899, 0.3016, 0.3883



34.0899, 0.2372, 0.2814



34.0899, 0.3198, 0.2785

Rectangle

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



34.0899, 0.3942, 0.3695



34.0899, 0.3552, 0.4027



34.0899, 0.2372, 0.2814



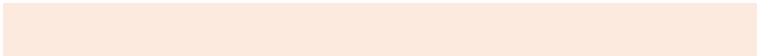
34.0899, 0.2683, 0.2625

Sweetspot

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



34.0915, 0.3942, 0.3695



84.8827, 0.3330, 0.3408



27.2949, 0.3501, 0.2667



18.2990, 0.3354, 0.3422



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.



34.0915, 0.3942, 0.3695



55.1445, 0.4173, 0.3778



48.0435, 0.3752, 0.4159



10.7070, 0.3279, 0.3380



11.0492, 0.5708, 0.3850



0.6114, 0.5295, 0.4178

Inverse Universe

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



34.7080, 0.2519, 0.2840



56.3629, 0.2398, 0.2727



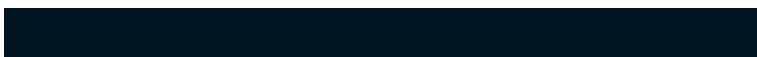
22.9661, 0.2427, 0.2238



10.7483, 0.2984, 0.3198



11.3097, 0.1882, 0.1975



0.6194, 0.1973, 0.2301

Previews

White Background



This preview shows how the Yxy color 34.0899, 0.3942, 0.3695 looks on a white background.

Color Contrast Check

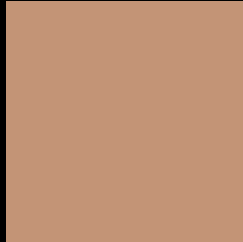
Large Text (above 18pt) WCAG AA × Fail

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 34.0899, 0.3942, 0.3695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

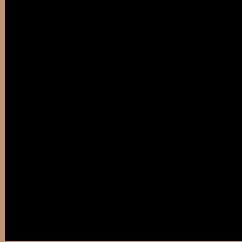
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0899, 0.3942, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 34.0899, 0.3942, 0.3695.



This preview shows how white text looks on a background with the Yxy color 34.0899, 0.3942, 0.3695.

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

34.0899, 0.3942, 0.3695

Protanopia

34.2939, 0.3577, 0.3822

Deuteranopia

34.3056, 0.3845, 0.3776



Tritanopia

34.1201, 0.3616, 0.3147

Trichromacy



Original Color

34.0899, 0.3942, 0.3695

Protanomaly

33.9567, 0.3699, 0.3764

Deuteranomaly

34.3647, 0.3883, 0.3757

Tritanomaly

34.1797, 0.3741, 0.3345

Monochromacy



Original Color

34.0899, 0.3942, 0.3695

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.2270, 0.3404, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0899, 0.3942, 0.3695 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(195, 148, 118)` looks like.

```
.text, #text, p{  
    color:rgb(195, 148, 118)  
}
```

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(195, 148, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 148, 118) }
```

Border

The CSS property to change the border of an element to Yxy 34.0899, 0.3942, 0.3695 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(195, 148, 118) }
```

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

```
.border{ border-color:rgb(195, 148, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 148, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 148, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 148, 118);  
box-shadow:4px 4px 4px 4px rgb(195, 148,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0899, 0.3942, 0.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 148, 118) }
```

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

```
.background{ background-color: rgb(195,  
148, 118) }
```

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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