

Converting Colors

$Yxy(34.3538, 0.4034, 0.3917)$

Have a look what the booklet for
Yxy(34.3538, 0.4034, 0.3917)
contains.

Yxy(34.3392, 0.4034, 0.3924)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.3392, 0.4034, 0.3924)

Conversions

Conversions Part 1

Format	Color
Hex	C09768
RGB	192, 151, 104
RGB Percent	75%, 59%, 41%
CMY	0.2471, 0.4078, 0.5921
CMYK	0.00, 0.21, 0.46, 0.25
HSL	32°, 41%, 58%
HSV	32°, 46%, 75%
XYZ	35.3018, 34.3392, 17.8697
YIQ	157.9010, 39.5230, -5.9250

Conversions

Conversions Part 2

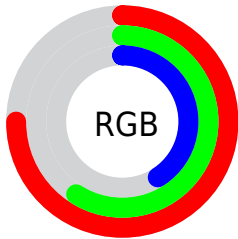
Format	Color
RYB	181, 192, 104
Decimal	12621672
CIELab	65.23, 9.28, 30.55
CIElCh	65, 31.930, 73.111
Yxy	34.3392, 0.4034, 0.3924
Android (android.graphics.Color)	4290811752 (0xFFC09768)
YUV	157.9010, -26.5732, 29.9048
Hunter-Lab	58.5997, 4.9832, 22.9396

Details

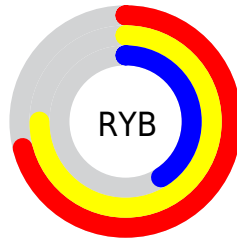
The Yxy color **34.3392, 0.4034, 0.3924** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.0000, 0.2390, 0.2545**, and the grayscale version is **34.2553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3869, 0.3857, 0.3807**, and **14.6341, 0.4307, 0.4086** is the 20% darker color. If you saturate the color by 10%, you get **31.2234, 0.4286, 0.4049**, and if you desaturate by 10%, it is **37.7655, 0.3798, 0.3786**.

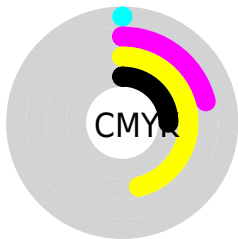
Distribution



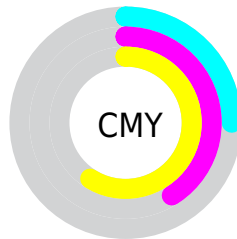
- Red (75%)
- Green (59%)
- Blue (41%)



- Red (71%)
- Yellow (75%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (25%)




- Cyan (25%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3392, 0.4034, 0.3924 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 34.3392, 0.4034, 0.3924 by changing the saturation by 10% instead.


 34.3392, 0.4034,
0.3924


 34.3392, 0.4034,
0.3924


321.6419, 0.3561,
0.3608


 23.1543, 0.4156,
0.3999


 66.4608, 0.3859,
0.3811


 14.7075, 0.4312,
0.4090


 88.1663, 0.3794,
0.3768

 8.6144, 0.4518,
0.4202


 114.1475, 0.3739,
0.3732

 4.4905, 0.4796,
0.4331

 144.7887, 0.3693,
0.3700

 1.9516, 0.5372,
0.4628

180.4743, 0.3653,
0.3673

 0.5791, 0.5729,
0.4271

221.5888, 0.3618,

 0.0000, 0.0000,

0.3649

0.0000

268.5165, 0.3588,
0.3627

■ 34.3392, 0.4034,
0.3924

■ 34.3392, 0.4034,
0.3924

■ 31.2234, 0.4286,
0.4049

■ 37.7655, 0.3798,
0.3786

■ 28.4023, 0.4545,
0.4149

■ 41.5076, 0.3582,
0.3643

■ 25.8656, 0.4799,
0.4213

■ 45.5767, 0.3389,
0.3501

■ 23.6002, 0.5033,
0.4228

■ 49.9820, 0.3217,
0.3366

■ 21.5907, 0.5232,
0.4190

■ 54.7320, 0.3066,
0.3237

■ 20.8163, 0.5311,
0.4165

■ 59.8352, 0.2934,
0.3118

■ 65.2995, 0.2818,
0.3008

■ 70.9633, 0.2731,
0.2934

■ 75.8567, 0.2740,
0.3034

Harmonies

Analogous

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



34.3392, 0.4106, 0.3561



34.3392, 0.4034, 0.3924



34.3392, 0.3711, 0.4157

Triad

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



34.3392, 0.4034, 0.3924



34.3392, 0.2408, 0.3349



34.3392, 0.2946, 0.2586

Complementary

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



34.3392, 0.4034, 0.3924



27.0000, 0.2390, 0.2545

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.



34.3392, 0.2528, 0.2501



34.3392, 0.4034, 0.3924



34.3392, 0.2238, 0.2895

Square

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



34.3392, 0.4034, 0.3924



34.3392, 0.2770, 0.3833



34.3392, 0.2281, 0.2601



34.3392, 0.3450, 0.2824

Rectangle

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



34.3392, 0.4034, 0.3924



34.3392, 0.3409, 0.4181



34.3392, 0.2281, 0.2601



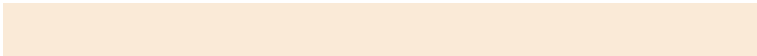
34.3392, 0.2792, 0.2539

Sweetspot

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



34.3408, 0.4034, 0.3924



83.8268, 0.3360, 0.3479



23.1563, 0.3761, 0.2738



17.6238, 0.3400, 0.3510



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.



34.3408, 0.4034, 0.3924



56.5500, 0.4287, 0.4050



49.5189, 0.3771, 0.4410



10.9488, 0.3276, 0.3413



14.1666, 0.5293, 0.4179



0.7490, 0.4984, 0.4425

Inverse Universe

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



27.0000, 0.2390, 0.2545



41.6104, 0.2231, 0.2344



16.8332, 0.2296, 0.1883



10.5041, 0.2984, 0.3164



7.5709, 0.1746, 0.1484



0.4649, 0.1864, 0.1910

Previews

White Background



This preview shows how the Yxy color 34.3392, 0.4034, 0.3924 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 34.3392, 0.4034, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

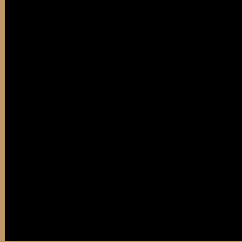
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3392, 0.4034, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 34.3392, 0.4034, 0.3924.



This preview shows how white text looks on a background with the Yxy color 34.3392, 0.4034, 0.3924.

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

34.3392, 0.4034, 0.3924

Protanopia

34.6285, 0.3746, 0.4045

Deuteranopia

34.5323, 0.4017, 0.3940



Tritanopia

34.2171, 0.3571, 0.3133

Trichromacy



Original Color

34.3392, 0.4034, 0.3924

Protanomaly

34.4012, 0.3846, 0.3999

Deuteranomaly

34.5323, 0.4017, 0.3940

Tritanomaly

34.2757, 0.3744, 0.3426

Monochromacy



Original Color

34.3392, 0.4034, 0.3924

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.8237, 0.3442, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3392, 0.4034, 0.3924 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(192, 151, 104)` looks like.

```
.text, #text, p{  
    color:rgb(192, 151, 104)  
}
```

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(192, 151, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 151, 104) }
```

Border

The CSS property to change the border of an element to Yxy 34.3392, 0.4034, 0.3924 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(192, 151, 104) }
```

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

```
.border{ border-color:rgb(192, 151, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 151, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 151, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 151, 104);  
box-shadow:4px 4px 4px 4px rgb(192, 151,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3392, 0.4034, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 151, 104) }
```

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

```
.background{ background-color: rgb(192,  
151, 104) }
```

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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