

Converting Colors

$Y_{xy}(34.1925, 0.4394, 0.4442)$

Have a look what the booklet for
Yxy(34.1925, 0.4394, 0.4442)
contains.

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Color

Yxy(34.3047, 0.4394, 0.4444)

Conversions

Conversions Part 1

Format	Color
Hex	C0993B
RGB	192, 153, 59
RGB Percent	75%, 60%, 23%
CMY	0.2471, 0.4000, 0.7687
CMYK	0.00, 0.20, 0.69, 0.25
HSL	42°, 53%, 49%
HSV	42°, 69%, 75%
XYZ	33.9187, 34.3047, 8.9699
YIQ	153.9450, 53.4180, -20.9660

Conversions

Conversions Part 2

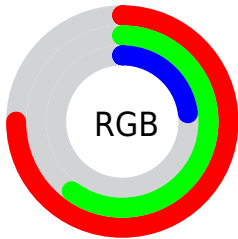
Format	Color
RYB	114, 192, 59
Decimal	12622139
CIELab	65.20, 4.64, 52.98
CIELCh	65, 53.185, 84.998
Yxy	34.3047, 0.4394, 0.4444
Android (android.graphics.Color)	4290812219 (0xFFC0993B)
YUV	153.9450, -46.8079, 33.3742
Hunter-Lab	58.5702, 0.8737, 31.9191

Details

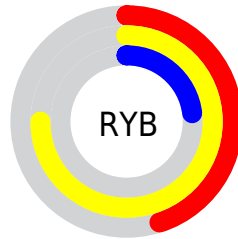
The Yxy color **34.3047, 0.4394, 0.4444** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **13.4680, 0.1941, 0.1667**, and the grayscale version is **32.4818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2826, 0.4174, 0.4258**, and **14.6536, 0.4688, 0.4660** is the 20% darker color. If you saturate the color by 10%, you get **32.3430, 0.4563, 0.4526**, and if you desaturate by 10%, it is **36.4300, 0.4206, 0.4322**.

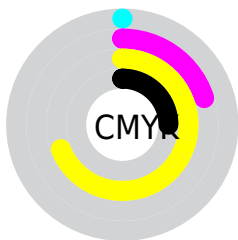
Distribution



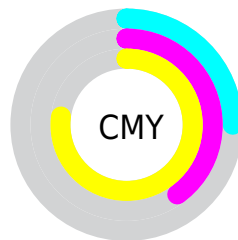
- Red (75%)
- Green (60%)
- Blue (23%)



- Red (45%)
- Yellow (75%)
- Blue (23%)



- Cyan (0%)
- Magenta (20%)
- Yellow (69%)
- Black (25%)




- Cyan (25%)
- Magenta (40%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3047, 0.4394, 0.4444 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 34.3047, 0.4394, 0.4444 by changing the saturation by 10% instead.


 34.3047, 0.4394,
0.4444


 34.3047, 0.4394,
0.4444


321.4886, 0.3769,
0.3891


 23.1278, 0.4531,
0.4558


 66.4072, 0.4177,
0.4258


 14.6879, 0.4689,
0.4682


 88.1016, 0.4092,
0.4182


 8.6006, 0.4877,
0.4821

 114.0706, 0.4018,
0.4117

 4.4816, 0.5066,
0.4934

 144.6986, 0.3955,
0.4060

 1.9465, 0.5127,
0.4873

 180.3700, 0.3899,
0.4010

 0.5761, 0.5342,
0.4658

 221.4692, 0.3850,

 0.0000, 0.0000,

0.3966

0.0000

268.3806, 0.3807,
0.3926

■ 34.3047, 0.4394,
0.4444

■ 34.3047, 0.4394,
0.4444

■ 32.3430, 0.4563,
0.4526

■ 36.4300, 0.4206,
0.4322

■ 30.5301, 0.4705,
0.4560

■ 38.7221, 0.4009,
0.4169

■ 28.8513, 0.4820,
0.4550

■ 41.1903, 0.3812,
0.3997

■ 28.7334, 0.4828,
0.4548

■ 43.8413, 0.3620,
0.3815

■ 46.6815, 0.3438,
0.3631

■ 49.7168, 0.3270,
0.3450

■ 52.9529, 0.3117,
0.3278

■ 56.3948, 0.2978,
0.3115

■ 60.0478, 0.2853,
0.2964

Harmonies

Analogous

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



34.3047, 0.4739, 0.3880



34.3047, 0.4394, 0.4444



34.3047, 0.3734, 0.4794

Triad

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



34.3047, 0.4394, 0.4444



34.3047, 0.1840, 0.3020



34.3047, 0.3129, 0.2316

Complementary

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



34.3047, 0.4394, 0.4444



13.4680, 0.1941, 0.1667

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.



34.3047, 0.2391, 0.2087



34.3047, 0.4394, 0.4444



34.3047, 0.1731, 0.2394

Square

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



34.3047, 0.4394, 0.4444



34.3047, 0.2265, 0.3899



34.3047, 0.1916, 0.2099



34.3047, 0.3973, 0.2739

Rectangle

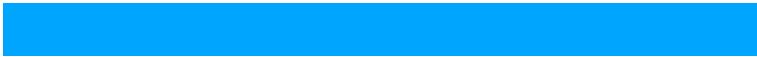
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.3047, 0.4394, 0.4444



34.3047, 0.3216, 0.4758



34.3047, 0.1916, 0.2099



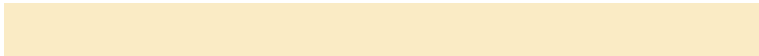
34.3047, 0.2860, 0.2215

Sweetspot

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



34.3064, 0.4394, 0.4444



83.4951, 0.3475, 0.3668



15.2323, 0.4718, 0.2813



17.6021, 0.3525, 0.3720



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.



34.3064, 0.4394, 0.4444



56.9105, 0.4639, 0.4549



46.0570, 0.3811, 0.4981



11.2434, 0.3272, 0.3452



19.4745, 0.4818, 0.4556



0.9559, 0.4648, 0.4691

Inverse Universe

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



13.4680, 0.1941, 0.1667



17.1571, 0.1740, 0.1293



8.8920, 0.1995, 0.1192



10.2185, 0.2984, 0.3123



4.6018, 0.1611, 0.0999



0.3216, 0.1740, 0.1465

Previews

White Background



This preview shows how the Yxy color 34.3047, 0.4394, 0.4444 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 34.3047, 0.4394, 0.4444 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 34.3047, 0.4394, 0.4444

Background



This preview shows how black text looks on a background with the Yxy color 34.3047, 0.4394, 0.4444.



This preview shows how white text looks on a background with the Yxy color 34.3047, 0.4394, 0.4444.

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

34.3047, 0.4394, 0.4444

Protanopia

34.4803, 0.4168, 0.4581

Deuteranopia

34.4652, 0.4468, 0.4379



Tritanopia

34.1201, 0.3616, 0.3147

Trichromacy



Original Color

34.3047, 0.4394, 0.4444

Protanomaly

34.3853, 0.4245, 0.4538

Deuteranomaly

34.5185, 0.4438, 0.4401

Tritanomaly

33.9351, 0.3947, 0.3667

Monochromacy



Original Color

34.3047, 0.4394, 0.4444

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.7679, 0.3611, 0.3813

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3047, 0.4394, 0.4444 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, 153, 59)` looks like.

```
.text, #text, p{  
    color:rgb(192, 153, 59)  
}
```

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, 153, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 153, 59) }
```

Border

The CSS property to change the border of an element to Yxy 34.3047, 0.4394, 0.4444 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, 153, 59) }
```

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

```
.border{ border-color:rgb(192, 153, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 153, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 153, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 153, 59);  
box-shadow:4px 4px 4px 4px rgb(192, 153,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3047, 0.4394, 0.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 153, 59) }
```

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

```
.background{ background-color: rgb(192,  
153, 59) }
```

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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