

Converting Colors

$Yxy(33.1146, 0.3969, 0.4261)$

Have a look what the booklet for
Yxy(33.1146, 0.3969, 0.4261)
contains.

Yxy(33.1295, 0.3971, 0.4258)	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(33.1295, 0.3971, 0.4258)

Conversions

Conversions Part 1

Format	Color
Hex	AE9B57
RGB	174, 155, 87
RGB Percent	68%, 61%, 34%
CMY	0.3177, 0.3921, 0.6589
CMYK	0.00, 0.11, 0.50, 0.32
HSL	47°, 35%, 51%
HSV	47°, 50%, 68%
XYZ	30.8965, 33.1295, 13.7793
YIQ	152.9290, 33.1520, -17.1200

Conversions

Conversions Part 2

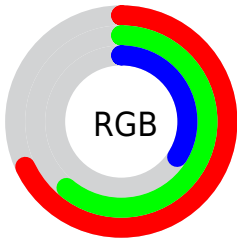
Format	Color
RYB	111, 174, 87
Decimal	11443031
CIELab	64.27, -2.18, 37.98
CIELCh	64, 38.040, 93.289
Yxy	33.1295, 0.3971, 0.4258
Android (android.graphics.Color)	4289633111 (0xFFAE9B57)
YUV	152.9290, -32.5030, 18.4793
Hunter-Lab	57.5582, -4.9105, 26.0969

Details

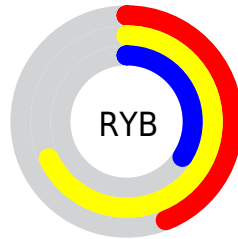
The Yxy color **33.1295, 0.3971, 0.4258** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.3849, 0.2252, 0.2072**, and the grayscale version is **31.9561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4248, 0.3818, 0.4076**, and **13.9691, 0.4192, 0.4531** is the 20% darker color. If you saturate the color by 10%, you get **31.6357, 0.4143, 0.4421**, and if you desaturate by 10%, it is **34.7347, 0.3792, 0.4073**.

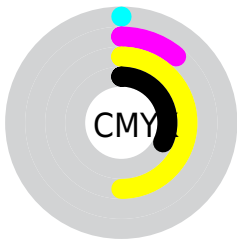
Distribution



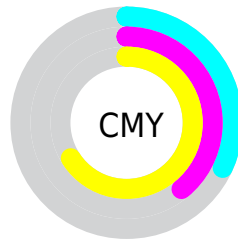
- Red (68%)
- Green (61%)
- Blue (34%)



- Red (44%)
- Yellow (68%)
- Blue (34%)



- Cyan (0%)
- Magenta (11%)
- Yellow (50%)
- Black (32%)





- Cyan (32%)
- Magenta (39%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.1295, 0.3971, 0.4258 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 33.1295, 0.3971, 0.4258 by changing the saturation by 10% instead.

 33.1295, 0.3971,
0.4258


 33.1295, 0.3971,
0.4258


316.2329, 0.3541,
0.3759


 22.2257, 0.4075,
0.4381


 64.5777, 0.3816,
0.4076


 14.0228, 0.4203,
0.4535

 85.8908, 0.3757,
0.4007


 8.1365, 0.4359,
0.4728


 111.4424, 0.3707,
0.3949

 4.1824, 0.4622,
0.5052

 141.6171, 0.3664,
0.3900

 1.7761, 0.4747,
0.5253

 176.7990, 0.3627,
0.3857

 0.4722, 0.4558,
0.5442

217.3727, 0.3594,

 0.0000, 0.0000,

0.3820

0.0000

263.7225, 0.3566,
0.3788

■ 33.1295, 0.3971,
0.4258

■ 33.1295, 0.3971,
0.4258

■ 31.6357, 0.4143,
0.4421

■ 34.7347, 0.3792,
0.4073

■ 30.2433, 0.4302,
0.4553

■ 36.4515, 0.3614,
0.3877

■ 28.9478, 0.4440,
0.4645

■ 38.2860, 0.3442,
0.3677

■ 27.7421, 0.4551,
0.4691

■ 40.2423, 0.3279,
0.3480

■ 26.6123, 0.4638,
0.4700

■ 42.3243, 0.3127,
0.3290

■ 44.5357, 0.2988,
0.3111

■ 46.8801, 0.2862,
0.2943

■ 49.3607, 0.2747,
0.2788

■ 51.9807, 0.2644,
0.2645

Harmonies

Analogous

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



33.1295, 0.4281, 0.3897



33.1295, 0.3971, 0.4258



33.1295, 0.3449, 0.4374

Triad

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



33.1295, 0.3971, 0.4258



33.1295, 0.2111, 0.2966



33.1295, 0.3310, 0.2629

Complementary

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



33.1295, 0.3971, 0.4258



15.3849, 0.2252, 0.2072

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.



33.1295, 0.2725, 0.2405



33.1295, 0.3971, 0.4258



33.1295, 0.2082, 0.2551

Square

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



33.1295, 0.3971, 0.4258



33.1295, 0.2385, 0.3557



33.1295, 0.2294, 0.2368



33.1295, 0.3893, 0.2997

Rectangle

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



33.1295, 0.3971, 0.4258



33.1295, 0.3059, 0.4244



33.1295, 0.2294, 0.2368



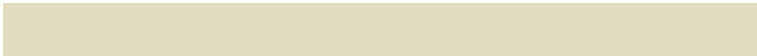
33.1295, 0.3106, 0.2536

Sweetspot

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



33.1311, 0.3971, 0.4258



71.1034, 0.3363, 0.3583



16.8800, 0.4171, 0.2992



15.6418, 0.3397, 0.3624



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



33.1311, 0.3971, 0.4258



57.1103, 0.4161, 0.4437



37.5192, 0.3616, 0.4587



9.0291, 0.3268, 0.3466



19.3922, 0.4632, 0.4704



0.6123, 0.4476, 0.4828

Inverse Universe

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



15.3849, 0.2252, 0.2072



21.3104, 0.2049, 0.1751



13.1969, 0.2418, 0.1824



8.0302, 0.2986, 0.3107



3.2953, 0.1570, 0.0851



0.1704, 0.1725, 0.1410

Previews

White Background



This preview shows how the Yxy color 33.1295, 0.3971, 0.4258 looks on a white background.

Color Contrast Check

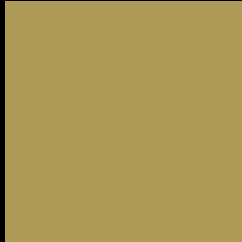
Large Text (above 18pt) WCAG AA × Fail

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 33.1295, 0.3971, 0.4258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

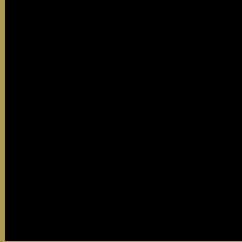
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1295, 0.3971, 0.4258

Background



This preview shows how black text looks on a background with the Yxy color 33.1295, 0.3971, 0.4258.



This preview shows how white text looks on a background with the Yxy color 33.1295, 0.3971, 0.4258.

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

33.1295, 0.3971, 0.4258

Protanopia

33.1230, 0.3931, 0.4283

Deuteranopia

33.1466, 0.4179, 0.4105



Tritanopia

33.1598, 0.3374, 0.3137

Trichromacy



Original Color

33.1295, 0.3971, 0.4258

Protanomaly

33.2357, 0.3942, 0.4279

Deuteranomaly

33.0281, 0.4099, 0.4154

Tritanomaly

32.9436, 0.3602, 0.3550

Monochromacy



Original Color

33.1295, 0.3971, 0.4258

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.2732, 0.3438, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1295, 0.3971, 0.4258 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(174, 155, 87)` looks like.

```
.text, #text, p{  
    color:rgb(174, 155, 87)  
}
```

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(174, 155, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 155, 87) }
```

Border

The CSS property to change the border of an element to Yxy 33.1295, 0.3971, 0.4258 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(174, 155, 87) }
```

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

```
.border{ border-color:rgb(174, 155, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 155, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 155, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 155, 87);  
box-shadow:4px 4px 4px 4px rgb(174, 155,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1295, 0.3971, 0.4258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 155, 87) }
```

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

```
.background{ background-color: rgb(174,  
155, 87) }
```

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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