

Converting Colors

$Yxy(33.0483, 0.4154, 0.4082)$

Have a look what the booklet for
Yxy(33.0483, 0.4154, 0.4082)
contains.

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Color

Yxy(33.0519, 0.4150, 0.4085)

Conversions

Conversions Part 1

Format	Color
Hex	BD955A
RGB	189, 149, 90
RGB Percent	74%, 58%, 35%
CMY	0.2588, 0.4157, 0.6471
CMYK	0.00, 0.21, 0.52, 0.26
HSL	36°, 43%, 55%
HSV	36°, 52%, 74%
XYZ	33.5778, 33.0519, 14.2807
YIQ	154.2340, 42.7790, -9.8690

Conversions

Conversions Part 2

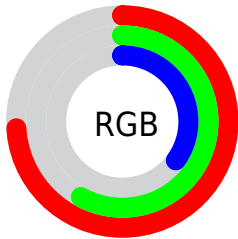
Format	Color
RYB	157, 189, 90
Decimal	12424538
CIELab	64.20, 7.76, 36.67
CIELCh	64, 37.477, 78.052
Yxy	33.0519, 0.4150, 0.4085
Android (android.graphics.Color)	4290614618 (0xFFBD955A)
YUV	154.2340, -31.6674, 30.4898
Hunter-Lab	57.4908, 3.6451, 25.5159

Details

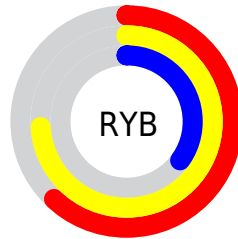
The Yxy color **33.0519, 0.4150, 0.4085** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.8067, 0.2265, 0.2310**, and the grayscale version is **32.5512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4091, 0.3954, 0.3948**, and **13.8891, 0.4455, 0.4279** is the 20% darker color. If you saturate the color by 10%, you get **30.4346, 0.4384, 0.4208**, and if you desaturate by 10%, it is **35.9126, 0.3921, 0.3941**.

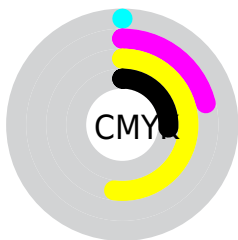
Distribution



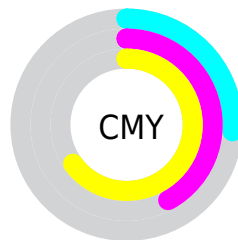
- Red (74%)
- Green (58%)
- Blue (35%)



- Red (62%)
- Yellow (74%)
- Blue (35%)



- Cyan (0%)
- Magenta (21%)
- Yellow (52%)
- Black (26%)





- Cyan (26%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0519, 0.4150, 0.4085 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 33.0519, 0.4150, 0.4085 by changing the saturation by 10% instead.


 33.0519, 0.4150,
0.4085

 33.0519, 0.4150,
0.4085


315.8835, 0.3619,
0.3689


 22.1662, 0.4283,
0.4177


 64.4565, 0.3955,
0.3945

 13.9791, 0.4451,
0.4287


 85.7443, 0.3882,
0.3891

 8.1061, 0.4664,
0.4415


 111.2682, 0.3821,
0.3845

 4.1629, 0.4997,
0.4610

 141.4126, 0.3769,
0.3805

 1.7651, 0.5307,
0.4693

176.5620, 0.3723,
0.3770

 0.4653, 0.5758,
0.4242

217.1006, 0.3684,

 0.0000, 0.0000,

0.3740

0.0000

263.4130, 0.3650,
0.3713

■ 33.0519, 0.4150,
0.4085

■ 33.0519, 0.4150,
0.4085

■ 30.4346, 0.4384,
0.4208

■ 35.9126, 0.3921,
0.3941

■ 28.0465, 0.4613,
0.4299

■ 39.0204, 0.3705,
0.3785

■ 25.8788, 0.4825,
0.4345

■ 42.3850, 0.3506,
0.3627

■ 23.9197, 0.5008,
0.4340

■ 46.0138, 0.3325,
0.3472

■ 22.5527, 0.5130,
0.4309

■ 49.9141, 0.3163,
0.3324

■ 54.0926, 0.3019,
0.3185

■ 58.5559, 0.2892,
0.3055

■ 63.3102, 0.2780,
0.2935

■ 68.0296, 0.2708,
0.2877

Harmonies

Analogous

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



33.0519, 0.4300, 0.3668



33.0519, 0.4150, 0.4085



33.0519, 0.3725, 0.4342

Triad

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



33.0519, 0.4150, 0.4085



33.0519, 0.2232, 0.3254



33.0519, 0.3003, 0.2504

Complementary

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



33.0519, 0.4150, 0.4085



21.8067, 0.2265, 0.2310

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.



33.0519, 0.2490, 0.2372



33.0519, 0.4150, 0.4085



33.0519, 0.2079, 0.2742

Square

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



33.0519, 0.4150, 0.4085



33.0519, 0.2617, 0.3854



33.0519, 0.2169, 0.2443



33.0519, 0.3604, 0.2802

Rectangle

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



33.0519, 0.4150, 0.4085



33.0519, 0.3355, 0.4344



33.0519, 0.2169, 0.2443



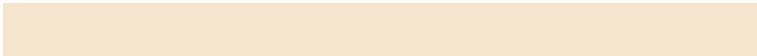
33.0519, 0.2815, 0.2439

Sweetspot

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



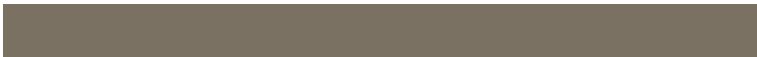
33.0535, 0.4150, 0.4085



79.8426, 0.3393, 0.3532



19.7744, 0.3972, 0.2732



16.8823, 0.3430, 0.3564



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



33.0535, 0.4150, 0.4085



53.7897, 0.4422, 0.4226



46.9235, 0.3804, 0.4572



10.4564, 0.3274, 0.3427



15.3282, 0.5115, 0.4321



0.7256, 0.4839, 0.4540

Inverse Universe

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



21.8067, 0.2265, 0.2310



31.5217, 0.2081, 0.2044



13.5951, 0.2202, 0.1672



9.8410, 0.2984, 0.3150



6.1226, 0.1693, 0.1295



0.3686, 0.1829, 0.1783

Previews

White Background



This preview shows how the Yxy color 33.0519, 0.4150, 0.4085 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 33.0519, 0.4150, 0.4085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

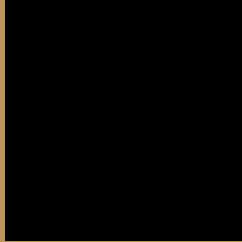
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0519, 0.4150, 0.4085

Background



This preview shows how black text looks on a background with the Yxy color 33.0519, 0.4150, 0.4085.



This preview shows how white text looks on a background with the Yxy color 33.0519, 0.4150, 0.4085.

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

33.0519, 0.4150, 0.4085

Protanopia

33.2252, 0.3879, 0.4204

Deuteranopia

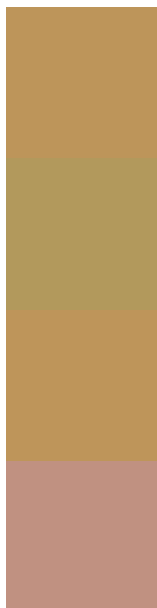
33.1802, 0.4161, 0.4081



Tritanopia

33.0823, 0.3587, 0.3157

Trichromacy



Original Color

33.0519, 0.4150, 0.4085

Protanomaly

33.0201, 0.3984, 0.4152

Deuteranomaly

33.1802, 0.4161, 0.4081

Tritanomaly

33.0422, 0.3806, 0.3510

Monochromacy



Original Color

33.0519, 0.4150, 0.4085

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.3107, 0.3488, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0519, 0.4150, 0.4085 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(189, 149, 90)` looks like.

```
.text, #text, p{  
    color:rgb(189, 149, 90)  
}
```

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(189, 149, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 149, 90) }
```

Border

The CSS property to change the border of an element to Yxy 33.0519, 0.4150, 0.4085 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(189, 149, 90) }
```

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

```
.border{ border-color:rgb(189, 149, 90) }
```

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

Here you see how a box with a 4 pixel rgb(189, 149, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 149, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 149, 90);  
box-shadow:4px 4px 4px 4px rgb(189, 149,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0519, 0.4150, 0.4085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 149, 90) }
```

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

```
.background{ background-color: rgb(189,  
149, 90) }
```

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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