

Converting Colors

$Yxy(33.1071, 0.4034, 0.3949)$

Have a look what the booklet for
Yxy(33.1071, 0.4034, 0.3949)
contains.

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Color

Yxy(33.1258, 0.4034, 0.3949)

Conversions

Conversions Part 1

Format	Color
Hex	BC9565
RGB	188, 149, 101
RGB Percent	74%, 58%, 40%
CMY	0.2627, 0.4157, 0.6040
CMYK	0.00, 0.21, 0.46, 0.26
HSL	33°, 39%, 57%
HSV	33°, 46%, 74%
XYZ	33.8388, 33.1258, 16.9194
YIQ	155.1890, 38.6520, -6.6600

Conversions

Conversions Part 2

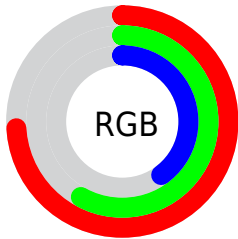
Format	Color
RYB	172, 188, 101
Decimal	12359013
CIELab	64.26, 8.41, 30.86
CIElCh	64, 31.987, 74.748
Yxy	33.1258, 0.4034, 0.3949
Android (android.graphics.Color)	4290549093 (0xFFBC9565)
YUV	155.1890, -26.7152, 28.7752
Hunter-Lab	57.5550, 4.2258, 22.8591

Details

The Yxy color **33.1258, 0.4034, 0.3949** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.1581, 0.2378, 0.2511**, and the grayscale version is **32.9752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6046, 0.3855, 0.3825**, and **13.9790, 0.4324, 0.4117** is the 20% darker color. If you saturate the color by 10%, you get **30.2282, 0.4280, 0.4077**, and if you desaturate by 10%, it is **36.3040, 0.3802, 0.3807**.

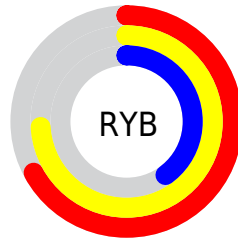
Distribution



Red (74%)

Green (58%)

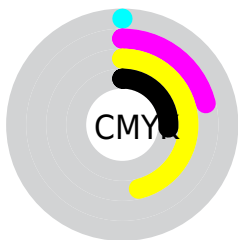
Blue (40%)



Red (67%)

Yellow (74%)

Blue (40%)

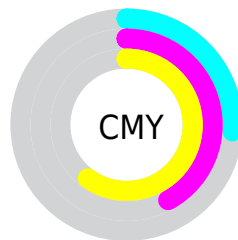


Cyan (0%)

Magenta (21%)

Yellow (46%)

Black (26%)



Cyan (26%)


Magenta (42%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1258, 0.4034, 0.3949 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 33.1258, 0.4034, 0.3949 by changing the saturation by 10% instead.


 33.1258, 0.4034,
0.3949


 33.1258, 0.4034,
0.3949


316.2162, 0.3559,
0.3618

 22.2228, 0.4157,
0.4028


 64.5719, 0.3858,
0.3830

 14.0207, 0.4314,
0.4125


 85.8838, 0.3792,
0.3785

 8.1351, 0.4522,
0.4244


 111.4341, 0.3737,
0.3747

 4.1815, 0.4807,
0.4388

 141.6073, 0.3691,
0.3714

 1.7756, 0.5341,
0.4659

176.7877, 0.3651,
0.3685

 0.4719, 0.5808,
0.4192

217.3597, 0.3616,

 0.0000, 0.0000,

0.3660

0.0000

263.7078, 0.3586,
0.3638

■ 33.1258, 0.4034,
0.3949

■ 33.1258, 0.4034,
0.3949

■ 30.2282, 0.4280,
0.4077

■ 36.3040, 0.3802,
0.3807

■ 27.5966, 0.4532,
0.4180

■ 39.7672, 0.3588,
0.3660

■ 25.2218, 0.4777,
0.4245

■ 43.5258, 0.3396,
0.3515

■ 23.0918, 0.5000,
0.4262

■ 47.5879, 0.3225,
0.3374

■ 21.1921, 0.5191,
0.4227

■ 51.9614, 0.3073,
0.3242

■ 20.5372, 0.5258,
0.4207

■ 56.6537, 0.2940,
0.3118

■ 61.6721, 0.2823,
0.3004

■ 67.0235, 0.2721,
0.2900

■ 71.6958, 0.2710,
0.2958

Harmonies

Analogous

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



33.1258, 0.4124, 0.3585



33.1258, 0.4034, 0.3949



33.1258, 0.3695, 0.4176

Triad

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



33.1258, 0.4034, 0.3949



33.1258, 0.2384, 0.3322



33.1258, 0.2970, 0.2586

Complementary

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



33.1258, 0.4034, 0.3949



25.1581, 0.2378, 0.2511

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.



33.1258, 0.2539, 0.2492



33.1258, 0.4034, 0.3949



33.1258, 0.2223, 0.2868

Square

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



33.1258, 0.4034, 0.3949



33.1258, 0.2741, 0.3817



33.1258, 0.2278, 0.2581



33.1258, 0.3481, 0.2835

Rectangle

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



33.1258, 0.4034, 0.3949



33.1258, 0.3385, 0.4190



33.1258, 0.2278, 0.2581



33.1258, 0.2812, 0.2536

Sweetspot

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



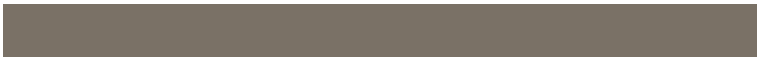
33.1274, 0.4034, 0.3949



80.3345, 0.3359, 0.3485



21.8974, 0.3789, 0.2753



16.9439, 0.3398, 0.3516



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.



33.1274, 0.4034, 0.3949



54.4568, 0.4296, 0.4084



47.0643, 0.3763, 0.4424



10.3853, 0.3275, 0.3417



14.1296, 0.5241, 0.4221



0.6823, 0.4926, 0.4471

Inverse Universe

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



25.1581, 0.2378, 0.2511



38.1938, 0.2209, 0.2292



15.9612, 0.2300, 0.1873



9.9108, 0.2984, 0.3160



6.9646, 0.1731, 0.1431



0.4034, 0.1861, 0.1899

Previews

White Background



This preview shows how the Yxy color 33.1258, 0.4034, 0.3949 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 33.1258, 0.4034, 0.3949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

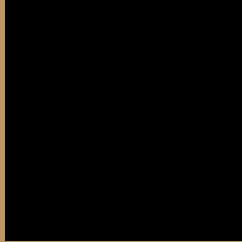
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1258, 0.4034, 0.3949

Background



This preview shows how black text looks on a background with the Yxy color 33.1258, 0.4034, 0.3949.



This preview shows how white text looks on a background with the Yxy color 33.1258, 0.4034, 0.3949.

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

33.1258, 0.4034, 0.3949

Protanopia

33.2114, 0.3757, 0.4058

Deuteranopia

33.1258, 0.4034, 0.3949



Tritanopia

32.9834, 0.3566, 0.3143

Trichromacy



Original Color

33.1258, 0.4034, 0.3949

Protanomaly

32.9918, 0.3859, 0.4011

Deuteranomaly

33.1258, 0.4034, 0.3949

Tritanomaly

33.0484, 0.3741, 0.3442

Monochromacy



Original Color

33.1258, 0.4034, 0.3949

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.7472, 0.3445, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1258, 0.4034, 0.3949 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(188, 149, 101)` looks like.

```
.text, #text, p{  
    color:rgb(188, 149, 101)  
}
```

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(188, 149, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 149, 101) }
```

Border

The CSS property to change the border of an element to Yxy 33.1258, 0.4034, 0.3949 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(188, 149, 101) }
```

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

```
.border{ border-color:rgb(188, 149, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 149, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 149, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 149, 101);  
box-shadow:4px 4px 4px 4px rgb(188, 149,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1258, 0.4034, 0.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 149, 101) }
```

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

```
.background{ background-color: rgb(188,  
149, 101) }
```

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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