

Converting Colors

$Y_{xy}(32.2804, 0.4110, 0.4133)$

Have a look what the booklet for
Yxy(32.2804, 0.4110, 0.4133)
contains.

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Color

Yxy(32.2668, 0.4103, 0.4133)

Conversions

Conversions Part 1

Format	Color
Hex	B79558
RGB	183, 149, 88
RGB Percent	72%, 58%, 35%
CMY	0.2825, 0.4156, 0.6549
CMYK	0.00, 0.19, 0.52, 0.28
HSL	39°, 40%, 53%
HSV	39°, 52%, 72%
XYZ	32.0326, 32.2668, 13.7717
YIQ	152.2120, 39.8450, -11.7630

Conversions

Conversions Part 2

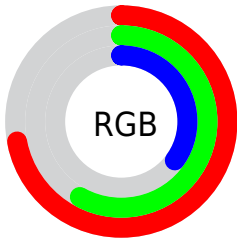
Format	Color
RYB	141, 183, 88
Decimal	12031320
CIELab	63.56, 5.01, 36.78
CIELCh	64, 37.123, 82.243
Yxy	32.2668, 0.4103, 0.4133
Android (android.graphics.Color)	4290221400 (0xFFB79558)
YUV	152.2120, -31.6565, 27.0011
Hunter-Lab	56.8039, 1.2521, 25.3882

Details

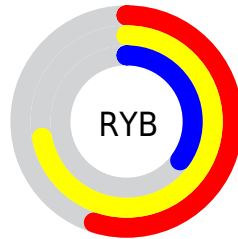
The Yxy color **32.2668, 0.4103, 0.4133** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.4009, 0.2259, 0.2245**, and the grayscale version is **31.6222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2767, 0.3920, 0.3982**, and **13.4778, 0.4401, 0.4345** is the 20% darker color. If you saturate the color by 10%, you get **29.9896, 0.4320, 0.4267**, and if you desaturate by 10%, it is **34.7395, 0.3888, 0.3978**.

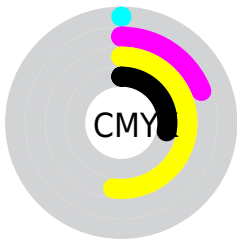
Distribution



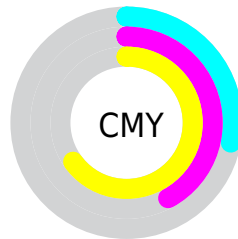
- Red (72%)
- Green (58%)
- Blue (35%)



- Red (55%)
- Yellow (72%)
- Blue (35%)



- Cyan (0%)
- Magenta (19%)
- Yellow (52%)
- Black (28%)




- Cyan (28%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2668, 0.4103, 0.4133 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 32.2668, 0.4103, 0.4133 by changing the saturation by 10% instead.


 32.2668, 0.4103,
0.4133


 32.2668, 0.4103,
0.4133


312.3328, 0.3596,
0.3707


 21.5654, 0.4230,
0.4234


 63.2291, 0.3917,
0.3980


 13.5379, 0.4389,
0.4357

 84.2588, 0.3848,
0.3922


 7.8000, 0.4590,
0.4504


 109.5000, 0.3789,
0.3873

 3.9672, 0.4926,
0.4752

 139.3371, 0.3739,
0.3830

 1.6552, 0.5162,
0.4838

 174.1546, 0.3696,
0.3793

 0.3944, 0.5576,
0.4424

214.3367, 0.3659,

 0.0000, 0.0000,

0.3761

0.0000

260.2680, 0.3626,
0.3732

■ 32.2668, 0.4103,
0.4133

■ 32.2668, 0.4103,
0.4133

■ 29.9896, 0.4320,
0.4267

■ 34.7395, 0.3888,
0.3978

■ 27.8955, 0.4529,
0.4368

■ 37.4101, 0.3682,
0.3812

■ 25.9776, 0.4721,
0.4427

■ 40.2867, 0.3491,
0.3644

■ 24.2259, 0.4884,
0.4436

■ 43.3755, 0.3315,
0.3478

■ 22.9155, 0.4998,
0.4414

■ 46.6822, 0.3156,
0.3319

■ 50.2124, 0.3013,
0.3170

■ 53.9714, 0.2886,
0.3030

■ 57.9642, 0.2773,
0.2902

■ 62.1956, 0.2673,
0.2784

Harmonies

Analogous

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



32.2668, 0.4298, 0.3730



32.2668, 0.4103, 0.4133



32.2668, 0.3650, 0.4354

Triad

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



32.2668, 0.4103, 0.4133



32.2668, 0.2197, 0.3173



32.2668, 0.3086, 0.2538

Complementary

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



32.2668, 0.4103, 0.4133



19.4009, 0.2259, 0.2245

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.



32.2668, 0.2552, 0.2380



32.2668, 0.4103, 0.4133



32.2668, 0.2079, 0.2687

Square

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



32.2668, 0.4103, 0.4133



32.2668, 0.2552, 0.3773



32.2668, 0.2202, 0.2421



32.2668, 0.3684, 0.2855

Rectangle

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



32.2668, 0.4103, 0.4133



32.2668, 0.3274, 0.4321



32.2668, 0.2202, 0.2421



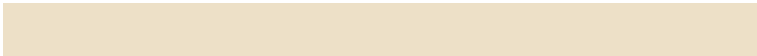
32.2668, 0.2893, 0.2465

Sweetspot

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



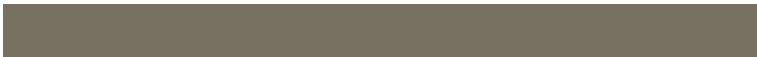
32.2683, 0.4103, 0.4133



75.2510, 0.3389, 0.3550



18.4689, 0.4033, 0.2803



16.3709, 0.3425, 0.3584



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



32.2683, 0.4103, 0.4133



53.2925, 0.4344, 0.4280



43.1411, 0.3752, 0.4581



9.9485, 0.3272, 0.3437



16.1247, 0.4986, 0.4423



0.6809, 0.4733, 0.4624

Inverse Universe

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



19.4009, 0.2259, 0.2245



27.8542, 0.2075, 0.1972



13.1443, 0.2257, 0.1709



9.2310, 0.2985, 0.3139



5.1764, 0.1657, 0.1166



0.3018, 0.1809, 0.1711

Previews

White Background



This preview shows how the Yxy color 32.2668, 0.4103, 0.4133 looks on a white background.

Color Contrast Check

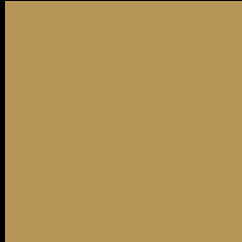
Large Text (above 18pt) WCAG AA × Fail

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 32.2668, 0.4103, 0.4133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

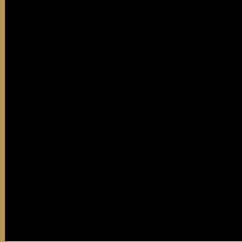
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2668, 0.4103, 0.4133

Background



This preview shows how black text looks on a background with the Yxy color 32.2668, 0.4103, 0.4133.



This preview shows how white text looks on a background with the Yxy color 32.2668, 0.4103, 0.4133.

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

32.2668, 0.4103, 0.4133

Protanopia

32.2844, 0.3897, 0.4227

Deuteranopia

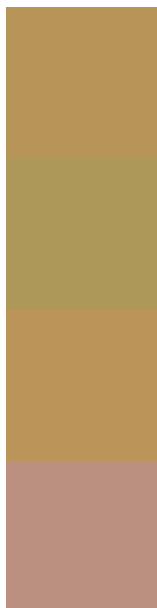
32.2634, 0.4173, 0.4088



Tritanopia

32.1356, 0.3536, 0.3141

Trichromacy



Original Color

32.2668, 0.4103, 0.4133

Protanomaly

32.1764, 0.3974, 0.4194

Deuteranomaly

32.3235, 0.4144, 0.4108

Tritanomaly

32.0963, 0.3756, 0.3501

Monochromacy



Original Color

32.2668, 0.4103, 0.4133

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.5047, 0.3468, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2668, 0.4103, 0.4133 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(183, 149, 88)` looks like.

```
.text, #text, p{  
    color:rgb(183, 149, 88)  
}
```

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(183, 149, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 149, 88) }
```

Border

The CSS property to change the border of an element to Yxy 32.2668, 0.4103, 0.4133 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(183, 149, 88) }
```

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

```
.border{ border-color:rgb(183, 149, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 149, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 149, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 149, 88);  
box-shadow:4px 4px 4px 4px rgb(183, 149,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2668, 0.4103, 0.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 149, 88) }
```

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

```
.background{ background-color: rgb(183,  
149, 88) }
```

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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