

Converting Colors

$Yxy(30.5323, 0.3920, 0.4309)$

Have a look what the booklet for
Yxy(30.5323, 0.3920, 0.4309)
contains.

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Color

Yxy(30.5443, 0.3912, 0.4308)

Conversions

Conversions Part 1

Format	Color
Hex	A39753
RGB	163, 151, 83
RGB Percent	64%, 59%, 33%
CMY	0.3607, 0.4079, 0.6744
CMYK	0.00, 0.07, 0.49, 0.36
HSL	51°, 33%, 48%
HSV	51°, 49%, 64%
XYZ	27.7366, 30.5443, 12.6204
YIQ	146.8360, 28.9800, -18.6040

Conversions

Conversions Part 2

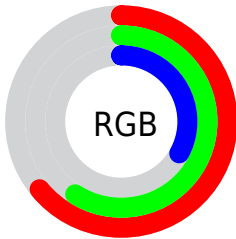
Format	Color
RYB	97, 163, 83
Decimal	10721107
CIELab	62.12, -5.08, 37.18
CIELCh	62, 37.523, 97.785
Yxy	30.5443, 0.3912, 0.4308
Android (android.graphics.Color)	4288911187 (0xFFA39753)
YUV	146.8360, -31.4711, 14.1758
Hunter-Lab	55.2669, -7.1339, 25.1477

Details

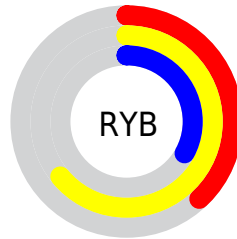
The Yxy color **30.5443, 0.3912, 0.4308** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.6780, 0.2255, 0.2002**, and the grayscale version is **29.2322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4439, 0.3763, 0.4109**, and **12.4869, 0.4126, 0.4614** is the 20% darker color. If you saturate the color by 10%, you get **29.5419, 0.4066, 0.4484**, and if you desaturate by 10%, it is **31.6251, 0.3749, 0.4111**.

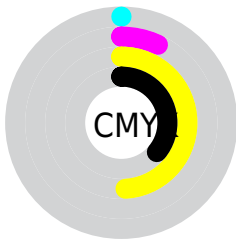
Distribution



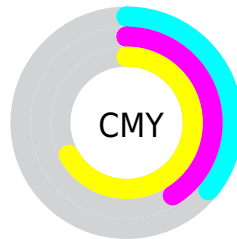
- Red (64%)
- Green (59%)
- Blue (33%)



- Red (38%)
- Yellow (64%)
- Blue (33%)



- Cyan (0%)
- Magenta (7%)
- Yellow (49%)
- Black (36%)




- Cyan (36%)
- Magenta (41%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5443, 0.3912, 0.4308 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 30.5443, 0.3912, 0.4308 by changing the saturation by 10% instead.


 30.5443, 0.3912,
0.4308


 30.5443, 0.3912,
0.4308


304.4334, 0.3509,
0.3771

 20.2521, 0.4009,
0.4445

 60.5219, 0.3766,
0.4109


 12.5784, 0.4129,
0.4619


 80.9761, 0.3711,
0.4035

 7.1389, 0.4272,
0.4842


 105.5864, 0.3664,
0.3973

 3.5491, 0.4591,
0.5308

 134.7372, 0.3624,
0.3920

 1.4247, 0.4553,
0.5447

 168.8129, 0.3589,
0.3875

 0.2348, 0.2968,
0.7032

208.1979, 0.3559,

 0.0000, 0.0000,

0.3836

0.0000

253.2766, 0.3533,
0.3801

■ 30.5443, 0.3912,
0.4308

■ 30.5443, 0.3912,
0.4308

■ 29.5419, 0.4066,
0.4484

■ 31.6251, 0.3749,
0.4111

■ 28.6094, 0.4204,
0.4628

■ 32.7841, 0.3583,
0.3901

■ 27.7434, 0.4320,
0.4734

■ 34.0261, 0.3419,
0.3687

■ 26.9381, 0.4410,
0.4796

■ 35.3546, 0.3262,
0.3476

■ 26.1822, 0.4477,
0.4821

■ 36.7727, 0.3114,
0.3272

■ 26.1136, 0.4483,
0.4823

■ 38.2832, 0.2976,
0.3078

■ 39.8890, 0.2850,
0.2898

■ 41.5927, 0.2735,
0.2730

■ 43.3969, 0.2631,
0.2577

Harmonies

Analogous

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



30.5443, 0.4268, 0.3967



30.5443, 0.3912, 0.4308



30.5443, 0.3364, 0.4376

Triad

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



30.5443, 0.3912, 0.4308



30.5443, 0.2079, 0.2884



30.5443, 0.3406, 0.2669

Complementary

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



30.5443, 0.3912, 0.4308



12.6780, 0.2255, 0.2002

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.



30.5443, 0.2801, 0.2417



30.5443, 0.3912, 0.4308



30.5443, 0.2087, 0.2498

Square

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



30.5443, 0.3912, 0.4308



30.5443, 0.2319, 0.3465



30.5443, 0.2336, 0.2349



30.5443, 0.3978, 0.3057

Rectangle

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



30.5443, 0.3912, 0.4308



30.5443, 0.2969, 0.4205



30.5443, 0.2336, 0.2349



30.5443, 0.3198, 0.2567

Sweetspot

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



30.5457, 0.3912, 0.4308



61.8021, 0.3359, 0.3606



14.8294, 0.4227, 0.3083



13.7748, 0.3390, 0.3649



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.5457, 0.3912, 0.4308



52.7136, 0.4081, 0.4500



32.0924, 0.3552, 0.4582



8.0550, 0.3265, 0.3480



20.3405, 0.4480, 0.4825



0.4735, 0.4361, 0.4919

Inverse Universe

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



12.6780, 0.2255, 0.2002



16.9675, 0.2044, 0.1663



12.1293, 0.2501, 0.1884



7.0239, 0.2987, 0.3093



2.6235, 0.1541, 0.0745



0.1014, 0.1678, 0.1242

Previews

White Background



This preview shows how the Yxy color 30.5443, 0.3912, 0.4308 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 30.5443, 0.3912, 0.4308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

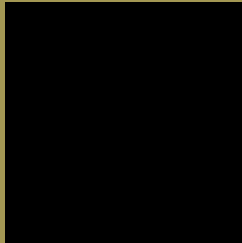
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5443, 0.3912, 0.4308

Background



This preview shows how black text looks on a background with the Yxy color 30.5443, 0.3912, 0.4308.



This preview shows how white text looks on a background with the Yxy color 30.5443, 0.3912, 0.4308.

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

30.5443, 0.3912, 0.4308

Protanopia

30.4366, 0.3941, 0.4287

Deuteranopia

30.3681, 0.4178, 0.4094



Tritanopia

30.5241, 0.3305, 0.3130

Trichromacy



Original Color

30.5443, 0.3912, 0.4308

Protanomaly

30.3297, 0.3930, 0.4291

Deuteranomaly

30.4280, 0.4085, 0.4174

Tritanomaly

30.3318, 0.3537, 0.3563

Monochromacy



Original Color

30.5443, 0.3912, 0.4308

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.4073, 0.3417, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5443, 0.3912, 0.4308 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(163, 151, 83)` looks like.

```
.text, #text, p{  
    color:rgb(163, 151, 83)  
}
```

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(163, 151, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 151, 83) }
```

Border

The CSS property to change the border of an element to Yxy 30.5443, 0.3912, 0.4308 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(163, 151, 83) }
```

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

```
.border{ border-color:rgb(163, 151, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 151, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 151, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 151, 83);  
box-shadow:4px 4px 4px 4px rgb(163, 151,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5443, 0.3912, 0.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 151, 83) }
```

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

```
.background{ background-color: rgb(163,  
151, 83) }
```

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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