

Converting Colors

$Yxy(30.3785, 0.3399, 0.3875)$

Have a look what the booklet for
Yxy(30.3785, 0.3399, 0.3875)
contains.

Yxy(30.2699, 0.3407, 0.3872)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.2699, 0.3407, 0.3872)

Conversions

Conversions Part 1

Format	Color
Hex	939975
RGB	147, 153, 117
RGB Percent	58%, 60%, 46%
CMY	0.4235, 0.4000, 0.5411
CMYK	0.04, 0.00, 0.24, 0.40
HSL	70°, 15%, 53%
HSV	70°, 24%, 60%
XYZ	26.6347, 30.2699, 21.2718
YIQ	147.1020, 7.9800, -12.4680

Conversions

Conversions Part 2

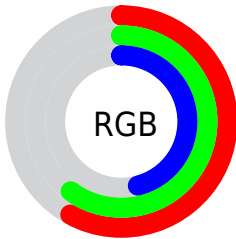
Format	Color
RYB	117, 153, 123
Decimal	9673077
CIELab	61.89, -8.52, 18.24
CIELCh	62, 20.130, 115.047
Yxy	30.2699, 0.3407, 0.3872
Android (android.graphics.Color)	4287863157 (0xFF939975)
YUV	147.1020, -14.8403, -0.0895
Hunter-Lab	55.0181, -9.8684, 15.5892

Details

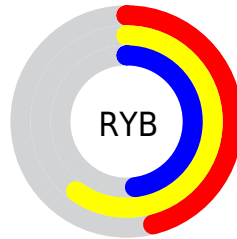
The Yxy color **30.2699, 0.3407, 0.3872** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.2379, 0.2805, 0.2661**, and the grayscale version is **29.2828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9077, 0.3353, 0.3750**, and **12.4069, 0.3501, 0.4091** is the 20% darker color. If you saturate the color by 10%, you get **29.7067, 0.3524, 0.4129**, and if you desaturate by 10%, it is **30.8999, 0.3287, 0.3618**.

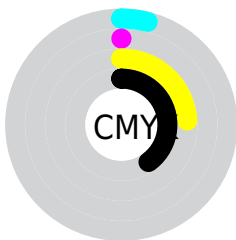
Distribution



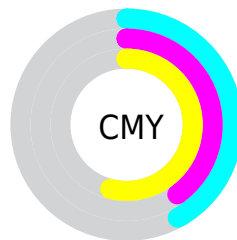
- Red (58%)
- Green (60%)
- Blue (46%)



- Red (46%)
- Yellow (60%)
- Blue (48%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)





- Cyan (42%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2699, 0.3407, 0.3872 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 30.2699, 0.3407, 0.3872 by changing the saturation by 10% instead.


 30.2699, 0.3407,
0.3872

 30.2699, 0.3407,
0.3872


303.1605, 0.3261,
0.3555

 20.0435, 0.3445,
0.3961


 60.0887, 0.3353,
0.3750

 12.4267, 0.3494,
0.4080


 80.4500, 0.3333,
0.3706

 7.0350, 0.3560,
0.4251


 104.9584, 0.3316,
0.3670

 3.4840, 0.3650,
0.4510

133.9983, 0.3301,
0.3640

 1.3893, 0.4064,
0.5331

167.9540, 0.3289,
0.3614

 0.2088, 0.0000,
1.0000

207.2100, 0.3279,

 0.0000, 0.0000,

0.3591

0.0000

252.1507, 0.3269,
0.3572

■ 30.2699, 0.3407,
0.3872

■ 30.2699, 0.3407,
0.3872

■ 29.7067, 0.3524,
0.4129

■ 30.8999, 0.3287,
0.3618

■ 29.2033, 0.3633,
0.4380

■ 31.5953, 0.3168,
0.3373

■ 28.7580, 0.3730,
0.4616

■ 32.3600, 0.3053,
0.3142

■ 28.3673, 0.3809,
0.4828

■ 33.1964, 0.2943,
0.2926

■ 28.0275, 0.3866,
0.5005

■ 34.1067, 0.2840,
0.2726

■ 27.7341, 0.3899,
0.5141

■ 35.0932, 0.2744,
0.2545

■ 27.4819, 0.3908,
0.5234

■ 36.1579, 0.2655,
0.2379

■ 27.3316, 0.3906,
0.5281

■ 37.3028, 0.2574,
0.2230

■ 38.5298, 0.2500,
0.2095

Harmonies

Analogous

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



30.2699, 0.3663, 0.3794



30.2699, 0.3407, 0.3872



30.2699, 0.3085, 0.3775

Triad

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



30.2699, 0.3407, 0.3872



30.2699, 0.2519, 0.2943



30.2699, 0.3467, 0.3065

Complementary

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



30.2699, 0.3407, 0.3872



19.2379, 0.2805, 0.2661

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.



30.2699, 0.3143, 0.2864



30.2699, 0.3407, 0.3872



30.2699, 0.2607, 0.2786

Square

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



30.2699, 0.3407, 0.3872



30.2699, 0.2582, 0.3212



30.2699, 0.2831, 0.2762



30.2699, 0.3703, 0.3324

Rectangle

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



30.2699, 0.3407, 0.3872



30.2699, 0.2877, 0.3621



30.2699, 0.2831, 0.2762



30.2699, 0.3364, 0.2989

Sweetspot

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



30.2712, 0.3407, 0.3872



56.1158, 0.3211, 0.3461



22.2260, 0.3575, 0.3391



12.3765, 0.3217, 0.3473



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



30.2712, 0.3407, 0.3872



53.6865, 0.3466, 0.4001



28.7364, 0.3218, 0.3908



7.1707, 0.3236, 0.3512



22.6000, 0.3908, 0.5279



0.3501, 0.4044, 0.5171

Inverse Universe

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



19.2379, 0.2805, 0.2661



30.5505, 0.2724, 0.2507



20.6888, 0.3011, 0.2697



6.0734, 0.3013, 0.3062



2.0879, 0.1586, 0.0648



0.0422, 0.1896, 0.0818

Previews

White Background



This preview shows how the Yxy color 30.2699, 0.3407, 0.3872 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 30.2699, 0.3407, 0.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

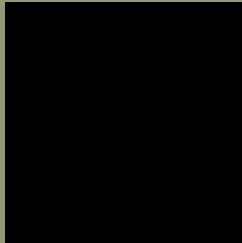
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2699, 0.3407, 0.3872

Background



This preview shows how black text looks on a background with the Yxy color 30.2699, 0.3407, 0.3872.



This preview shows how white text looks on a background with the Yxy color 30.2699, 0.3407, 0.3872.

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

30.2699, 0.3407, 0.3872

Protanopia

30.1036, 0.3571, 0.3821

Deuteranopia

29.9755, 0.3723, 0.3646



Tritanopia

30.1429, 0.3075, 0.3107

Trichromacy



Original Color

30.2699, 0.3407, 0.3872

Protanomaly

30.0422, 0.3513, 0.3828

Deuteranomaly

30.0680, 0.3604, 0.3735

Tritanomaly

30.0878, 0.3196, 0.3369

Monochromacy



Original Color

30.2699, 0.3407, 0.3872

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.4755, 0.3231, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2699, 0.3407, 0.3872 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(147, 153, 117)` looks like.

```
.text, #text, p{  
    color:rgb(147, 153, 117)  
}
```

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(147, 153, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 153, 117) }
```

Border

The CSS property to change the border of an element to Yxy 30.2699, 0.3407, 0.3872 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(147, 153, 117) }
```

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

```
.border{ border-color:rgb(147, 153, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 153, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 153, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 153, 117);  
box-shadow:4px 4px 4px 4px rgb(147, 153,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2699, 0.3407, 0.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 153, 117) }
```

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

```
.background{ background-color: rgb(147,  
153, 117) }
```

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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