

Converting Colors

$Yxy(30.2671, 0.3007, 0.3899)$

Have a look what the booklet for
Yxy(30.2671, 0.3007, 0.3899)
contains.

Yxy(30.2671, 0.3007, 0.3899)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.2671, 0.3007, 0.3899)

Conversions

Conversions Part 1

Format	Color
Hex	73A07D
RGB	115, 160, 125
RGB Percent	45%, 63%, 49%
CMY	0.5490, 0.3725, 0.5097
CMYK	0.28, 0.00, 0.22, 0.37
HSL	133°, 19%, 54%
HSV	133°, 28%, 63%
XYZ	23.3427, 30.2671, 24.0181
YIQ	142.5550, -15.5850, -20.4250

Conversions

Conversions Part 2

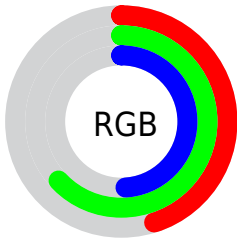
Format	Color
RYB	115, 152, 160
Decimal	7577725
CIELab	61.88, -22.59, 13.44
CIElCh	62, 26.285, 149.250
Yxy	30.2671, 0.3007, 0.3899
Android (android.graphics.Color)	4285767805 (0xFF73A07D)
YUV	142.5550, -8.6546, -24.1657
Hunter-Lab	55.0155, -20.5409, 12.6267

Details

The Yxy color **30.2671, 0.3007, 0.3899** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.9357, 0.3276, 0.2750**, and the grayscale version is **27.3219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1401, 0.3034, 0.3764**, and **12.3707, 0.2951, 0.4127** is the 20% darker color. If you saturate the color by 10%, you get **28.9779, 0.2968, 0.4160**, and if you desaturate by 10%, it is **31.7869, 0.3049, 0.3660**.

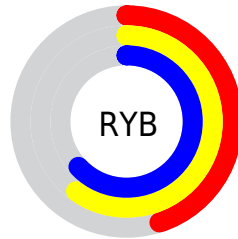
Distribution



Red (45%)

Green (63%)

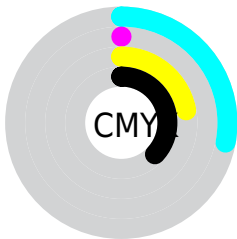
Blue (49%)



Red (45%)

Yellow (60%)

Blue (63%)

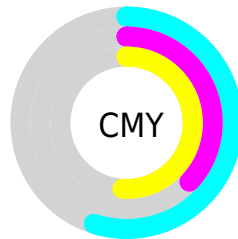


Cyan (28%)

Magenta (0%)

Yellow (22%)

Black (37%)



Cyan (55%)


Magenta (37%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2671, 0.3007, 0.3899 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 30.2671, 0.3007, 0.3899 by changing the saturation by 10% instead.


 30.2671, 0.3007,
0.3899


 30.2671, 0.3007,
0.3899


303.1475, 0.3077,
0.3561


 20.0414, 0.2985,
0.3997


 60.0843, 0.3035,
0.3767

 12.4252, 0.2954,
0.4131


 80.4447, 0.3045,
0.3720

 7.0339, 0.2906,
0.4329


 104.9520, 0.3053,
0.3682

 3.4833, 0.2823,
0.4643

133.9907, 0.3060,
0.3650

 1.3890, 0.2708,
0.5382

167.9452, 0.3065,
0.3622

 0.2086, 0.0000,
1.0000

207.1999, 0.3070,

 0.0000, 0.0000,

0.3599

0.0000

252.1392, 0.3074,
0.3579

■ 30.2671, 0.3007,
0.3899

■ 30.2671, 0.3007,
0.3899

■ 28.9779, 0.2968,
0.4160

■ 31.7869, 0.3049,
0.3660

■ 27.9043, 0.2935,
0.4440

■ 33.5440, 0.3092,
0.3446

■ 27.0355, 0.2909,
0.4728


■ 35.5493, 0.3135,
0.3256

■ 26.3581, 0.2895,
0.5015


■ 37.8121, 0.3177,
0.3090


■ 25.8570, 0.2893,
0.5284


■ 40.3412, 0.3217,
0.2945

 25.5149, 0.2905,
0.5521


 43.1448, 0.3254,
0.2818

 25.3018, 0.2926,
0.5713

 46.2310, 0.3289,
0.2709

 25.2679, 0.2929,
0.5744

 49.6073, 0.3322,
0.2614

 52.5150, 0.3319,
0.2522

Harmonies

Analogous

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



30.2671, 0.3428, 0.4055



30.2671, 0.3007, 0.3899



30.2671, 0.2635, 0.3540

Triad

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



30.2671, 0.3007, 0.3899



30.2671, 0.2488, 0.2625



30.2671, 0.3910, 0.3374

Complementary

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



30.2671, 0.3007, 0.3899



21.9357, 0.3276, 0.2750

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.



30.2671, 0.3623, 0.3041



30.2671, 0.3007, 0.3899



30.2671, 0.2791, 0.2624

Square

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



30.2671, 0.3007, 0.3899



30.2671, 0.2351, 0.2796



30.2671, 0.3205, 0.2774



30.2671, 0.3966, 0.3709

Rectangle

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



30.2671, 0.3007, 0.3899



30.2671, 0.2460, 0.3259



30.2671, 0.3205, 0.2774



30.2671, 0.3836, 0.3259

Sweetspot

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



30.2684, 0.3007, 0.3899



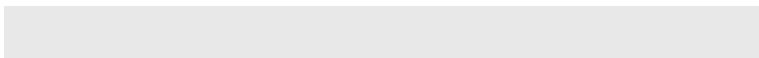
60.8950, 0.3092, 0.3447



32.8885, 0.3439, 0.3998



13.2488, 0.3086, 0.3476



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.2684, 0.3007, 0.3899



53.3813, 0.2981, 0.4067



30.9018, 0.2827, 0.3504



7.4240, 0.3087, 0.3469



19.6881, 0.2925, 0.5730



0.3576, 0.2737, 0.5051

Inverse Universe

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



21.9357, 0.3276, 0.2750



35.6111, 0.3319, 0.2623



21.2860, 0.3555, 0.3087



6.7293, 0.3170, 0.3118



6.9698, 0.3851, 0.1895



0.1304, 0.3552, 0.1730

Previews

White Background



This preview shows how the Yxy color 30.2671, 0.3007, 0.3899 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 30.2671, 0.3007, 0.3899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

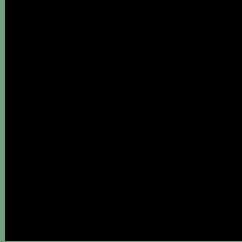
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2671, 0.3007, 0.3899

Background



This preview shows how black text looks on a background with the Yxy color 30.2671, 0.3007, 0.3899.



This preview shows how white text looks on a background with the Yxy color 30.2671, 0.3007, 0.3899.

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

30.2671, 0.3007, 0.3899

Protanopia

30.1201, 0.3510, 0.3744

Deuteranopia

29.8878, 0.3581, 0.3500



Tritanopia

30.1122, 0.2731, 0.3080

Trichromacy



Original Color

30.2671, 0.3007, 0.3899

Protanomaly

29.9384, 0.3306, 0.3799

Deuteranomaly

29.6327, 0.3353, 0.3625

Tritanomaly

30.0370, 0.2827, 0.3356

Monochromacy



Original Color

30.2671, 0.3007, 0.3899

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.2590, 0.3086, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2671, 0.3007, 0.3899 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(115, 160, 125)` looks like.

```
.text, #text, p{  
    color:rgb(115, 160, 125)  
}
```

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(115, 160, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 160, 125) }
```

Border

The CSS property to change the border of an element to Yxy 30.2671, 0.3007, 0.3899 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(115, 160, 125) }
```

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

```
.border{ border-color:rgb(115, 160, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 160, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 160, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 160, 125);  
box-shadow:4px 4px 4px 4px rgb(115, 160,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2671, 0.3007, 0.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 160, 125) }
```

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

```
.background{ background-color: rgb(115,  
160, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor