

Converting Colors

$Y_{xy}(29.1512, 0.3426, 0.3683)$

Have a look what the booklet for
Yxy(29.1512, 0.3426, 0.3683)
contains.

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Color

Yxy(29.0698, 0.3430, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	99937B
RGB	153, 147, 123
RGB Percent	60%, 58%, 48%
CMY	0.4000, 0.4235, 0.5175
CMYK	0.00, 0.04, 0.20, 0.40
HSL	48°, 13%, 54%
HSV	48°, 20%, 60%
XYZ	27.1466, 29.0698, 22.9282
YIQ	146.0580, 11.2800, -6.1920

Conversions

Conversions Part 2

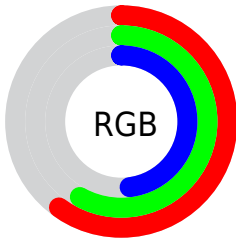
Format	Color
R_{YB}	131, 153, 123
Decimal	10064763
CIE Lab	60.84, -1.94, 13.50
CIE LCh	61, 13.640, 98.189
Yxy	29.0698, 0.3430, 0.3673
Android (android.graphics.Color)	4288254843 (0xFF99937B)
YUV	146.0580, -11.3676, 6.0881
Hunter-Lab	53.9164, -4.4801, 12.5282

Details

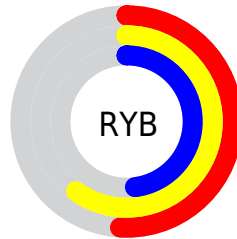
The Yxy color **29.0698, 0.3430, 0.3673** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.2193, 0.2818, 0.2876**, and the grayscale version is **28.8148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3178, 0.3368, 0.3589**, and **11.8686, 0.3540, 0.3823** is the 20% darker color. If you saturate the color by 10%, you get **27.7781, 0.3598, 0.3875**, and if you desaturate by 10%, it is **30.4493, 0.3270, 0.3474**.

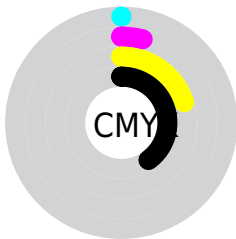
Distribution



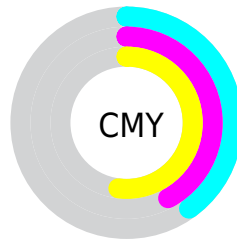
- Red (60%)
- Green (58%)
- Blue (48%)



- Red (51%)
- Yellow (60%)
- Blue (48%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (40%)





- Cyan (40%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0698, 0.3430, 0.3673 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 29.0698, 0.3430, 0.3673 by changing the saturation by 10% instead.


 29.0698, 0.3430,
0.3673


 29.0698, 0.3430,
0.3673


297.5442, 0.3267,
0.3466


 19.1336, 0.3474,
0.3730


 58.1880, 0.3368,
0.3594

 11.7669, 0.3534,
0.3808


 78.1388, 0.3346,
0.3565

 6.5851, 0.3618,
0.3918


 102.1965, 0.3327,
0.3541

 3.2040, 0.3742,
0.4085

130.7457, 0.3311,
0.3521

 1.2392, 0.4113,
0.4553

164.1707, 0.3298,
0.3504

 0.0933, 0.3067,
0.6933

202.8558, 0.3286,

 0.0000, 0.0000,

0.3490

0.0000

247.1855, 0.3276,
0.3477

■ 29.0698, 0.3430,
0.3673

■ 29.0698, 0.3430,
0.3673

■ 27.7781, 0.3598,
0.3875

■ 30.4493, 0.3270,
0.3474

■ 26.5674, 0.3771,
0.4074

■ 31.9154, 0.3121,
0.3282

■ 25.4358, 0.3944,
0.4261

■ 33.4722, 0.2984,
0.3101

■ 24.3797, 0.4111,
0.4428

■ 35.1221, 0.2859,
0.2931

■ 23.3955, 0.4264,
0.4565

■ 36.8676, 0.2745,
0.2774

■ 22.4787, 0.4396,
0.4663

■ 38.7108, 0.2643,
0.2630

■ 21.6244, 0.4502,
0.4718

■ 40.6540, 0.2550,
0.2497

■ 20.8211, 0.4587,
0.4736

■ 42.6993, 0.2468,
0.2377

■ 20.7886, 0.4590,
0.4737

■ 44.4744, 0.2423,
0.2321

Harmonies

Analogous

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



29.0698, 0.3552, 0.3571



29.0698, 0.3430, 0.3673



29.0698, 0.3228, 0.3670

Triad

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



29.0698, 0.3430, 0.3673



29.0698, 0.2715, 0.3153



29.0698, 0.3241, 0.3047

Complementary

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



29.0698, 0.3430, 0.3673



22.2193, 0.2818, 0.2876

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.



29.0698, 0.3014, 0.2941



29.0698, 0.3430, 0.3673



29.0698, 0.2718, 0.2995

Square

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



29.0698, 0.3430, 0.3673



29.0698, 0.2819, 0.3360



29.0698, 0.2825, 0.2921



29.0698, 0.3442, 0.3212

Rectangle

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



29.0698, 0.3430, 0.3673



29.0698, 0.3078, 0.3603



29.0698, 0.2825, 0.2921



29.0698, 0.3165, 0.3003

Sweetspot

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



29.0711, 0.3430, 0.3673



55.4266, 0.3217, 0.3406



22.5439, 0.3421, 0.3185



12.2055, 0.3226, 0.3418



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.



29.0711, 0.3430, 0.3673



50.9152, 0.3511, 0.3772



30.1871, 0.3323, 0.3777



7.0129, 0.3265, 0.3467



17.2295, 0.4587, 0.4740



0.3051, 0.4385, 0.4900

Inverse Universe

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



22.2193, 0.2818, 0.2876



36.1029, 0.2733, 0.2757



21.3397, 0.2905, 0.2782



6.2165, 0.2988, 0.3107



2.7338, 0.1563, 0.0827



0.0838, 0.1745, 0.1481

Previews

White Background



This preview shows how the Yxy color 29.0698, 0.3430, 0.3673 looks on a white background.

Color Contrast Check

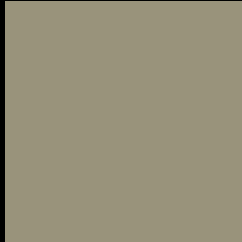
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0698, 0.3430, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

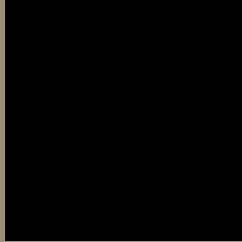
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0698, 0.3430, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 29.0698, 0.3430, 0.3673.



This preview shows how white text looks on a background with the Yxy color 29.0698, 0.3430, 0.3673.

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

29.0698, 0.3430, 0.3673

Protanopia

28.9564, 0.3455, 0.3655

Deuteranopia

28.9400, 0.3620, 0.3548



Tritanopia

29.1461, 0.3167, 0.3122

Trichromacy



Original Color

29.0698, 0.3430, 0.3673

Protanomaly

28.8579, 0.3444, 0.3657

Deuteranomaly

28.8867, 0.3544, 0.3584

Tritanomaly

28.9976, 0.3265, 0.3306

Monochromacy



Original Color

29.0698, 0.3430, 0.3673

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.7823, 0.3237, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0698, 0.3430, 0.3673 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(153, 147, 123)` looks like.

```
.text, #text, p{  
    color:rgb(153, 147, 123)  
}
```

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(153, 147, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 147, 123) }
```

Border

The CSS property to change the border of an element to Yxy 29.0698, 0.3430, 0.3673 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(153, 147, 123) }
```

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

```
.border{ border-color:rgb(153, 147, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 147, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 147, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 147, 123);  
box-shadow:4px 4px 4px 4px rgb(153, 147,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0698, 0.3430, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 147, 123) }
```

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

```
.background{ background-color: rgb(153,  
147, 123) }
```

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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