

Converting Colors

$Yxy(30.5285, 0.3378, 0.3515)$

Have a look what the booklet for
Yxy(30.5285, 0.3378, 0.3515)
contains.

Yxy(30.5871, 0.3379, 0.3522)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.5871, 0.3379, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	9F9586
RGB	159, 149, 134
RGB Percent	62%, 58%, 53%
CMY	0.3766, 0.4156, 0.4745
CMYK	0.00, 0.06, 0.16, 0.38
HSL	36°, 12%, 57%
HSV	36°, 16%, 62%
XYZ	29.3452, 30.5871, 26.9135
YIQ	150.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

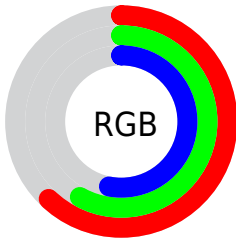
Format	Color
RYB	151, 159, 134
Decimal	10458502
CIELab	62.16, 1.05, 9.24
CIELCh	62, 9.298, 83.506
Yxy	30.5871, 0.3379, 0.3522
Android (android.graphics.Color)	4288648582 (0xFF9F9586)
YUV	150.2800, -8.0260, 7.6474
Hunter-Lab	55.3056, -2.0725, 9.8615

Details

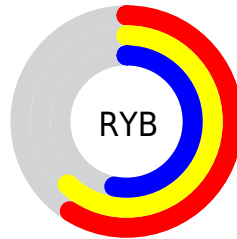
The Yxy color **30.5871, 0.3379, 0.3522** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5087, 0.2886, 0.3047**, and the grayscale version is **30.6553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5959, 0.3331, 0.3476**, and **12.5013, 0.3467, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **28.2244, 0.3563, 0.3678**, and if you desaturate by 10%, it is **33.1285, 0.3214, 0.3372**.

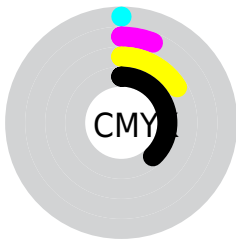
Distribution



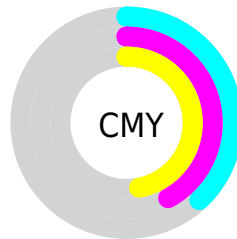
- Red (62%)
- Green (58%)
- Blue (53%)



- Red (59%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (38%)





- Cyan (38%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5871, 0.3379, 0.3522 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 30.5871, 0.3379, 0.3522 by changing the saturation by 10% instead.


 30.5871, 0.3379,
0.3522


 30.5871, 0.3379,
0.3522


304.6316, 0.3244,
0.3398

 20.2846, 0.3416,
0.3556


 60.5894, 0.3328,
0.3475

 12.6021, 0.3466,
0.3601


 81.0581, 0.3309,
0.3458

 7.1551, 0.3536,
0.3664


 105.6842, 0.3294,
0.3444

 3.5593, 0.3642,
0.3759

134.8523, 0.3281,
0.3432

 1.4302, 0.3827,
0.3924

168.9467, 0.3269,
0.3422

 0.2389, 0.5141,
0.4859

208.3517, 0.3260,

 0.0000, 0.0000,

0.3413

0.0000

253.4519, 0.3251,
0.3405

■ 30.5871, 0.3379,
0.3522

■ 30.5871, 0.3379,
0.3522

■ 28.2244, 0.3563,
0.3678

■ 33.1285, 0.3214,
0.3372

■ 26.0318, 0.3764,
0.3835

■ 35.8491, 0.3066,
0.3230

■ 24.0055, 0.3980,
0.3987

■ 38.7545, 0.2935,
0.3098

■ 22.1404, 0.4207,
0.4126

■ 41.8488, 0.2819,
0.2975

■ 20.4307, 0.4436,
0.4241

■ 45.1359, 0.2716,
0.2862

■ 18.8703, 0.4657,
0.4322

■ 48.6196, 0.2626,
0.2758

■ 17.4522, 0.4858,
0.4358

■ 52.3036, 0.2545,
0.2664

■ 16.1679, 0.5030,
0.4344

■ 55.7866, 0.2505,
0.2640

■ 15.6501, 0.5102,
0.4331

■ 58.7817, 0.2517,
0.2718

Harmonies

Analogous

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



30.5871, 0.3423, 0.3430



30.5871, 0.3379, 0.3522



30.5871, 0.3267, 0.3553

Triad

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



30.5871, 0.3379, 0.3522



30.5871, 0.2875, 0.3267



30.5871, 0.3130, 0.3083

Complementary

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



30.5871, 0.3379, 0.3522



27.5087, 0.2886, 0.3047

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.



30.5871, 0.2984, 0.3039



30.5871, 0.3379, 0.3522



30.5871, 0.2840, 0.3140

Square

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



30.5871, 0.3379, 0.3522



30.5871, 0.2976, 0.3404



30.5871, 0.2879, 0.3058



30.5871, 0.3277, 0.3179

Rectangle

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



30.5871, 0.3379, 0.3522



30.5871, 0.3170, 0.3533



30.5871, 0.2879, 0.3058



30.5871, 0.3079, 0.3062

Sweetspot

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



30.5885, 0.3379, 0.3522



59.6390, 0.3204, 0.3363



26.4339, 0.3304, 0.3136



13.3751, 0.3214, 0.3373



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.



30.5885, 0.3379, 0.3522



53.2156, 0.3444, 0.3578



33.6249, 0.3331, 0.3672



7.2757, 0.3270, 0.3424



12.4483, 0.5092, 0.4339



0.3037, 0.4655, 0.4686

Inverse Universe

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



27.5087, 0.2886, 0.3047



46.5846, 0.2827, 0.2984



24.8309, 0.2905, 0.2884



6.8480, 0.2988, 0.3152



4.9016, 0.1693, 0.1296



0.1679, 0.1909, 0.2073

Previews

White Background



This preview shows how the Yxy color 30.5871, 0.3379, 0.3522 looks on a white background.

Color Contrast Check

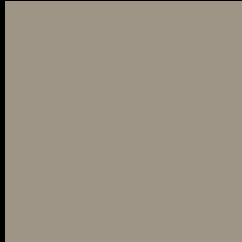
Large Text (above 18pt) WCAG AA × Fail

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 30.5871, 0.3379, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

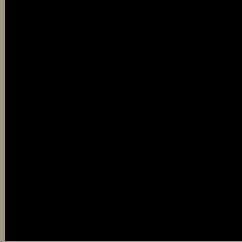
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

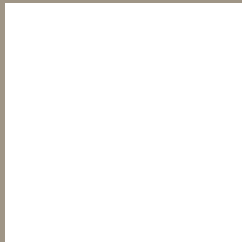
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.5871, 0.3379, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 30.5871, 0.3379, 0.3522.



This preview shows how white text looks on a background with the Yxy color 30.5871, 0.3379, 0.3522.

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

30.5871, 0.3379, 0.3522

Protanopia

30.7020, 0.3356, 0.3539

Deuteranopia

30.5461, 0.3499, 0.3440



Tritanopia

30.6735, 0.3187, 0.3126

Trichromacy



Original Color

30.5871, 0.3379, 0.3522

Protanomaly

30.8030, 0.3366, 0.3538

Deuteranomaly

30.4140, 0.3453, 0.3457

Tritanomaly

30.6144, 0.3254, 0.3260

Monochromacy



Original Color

30.5871, 0.3379, 0.3522

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.5986, 0.3215, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5871, 0.3379, 0.3522 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(159, 149, 134)` looks like.

```
.text, #text, p{  
    color:rgb(159, 149, 134)  
}
```

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(159, 149, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 149, 134) }
```

Border

The CSS property to change the border of an element to Yxy 30.5871, 0.3379, 0.3522 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(159, 149, 134) }
```

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

```
.border{ border-color:rgb(159, 149, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 149, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 149, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 149, 134); box-shadow:4px 4px 4px 4px rgb(159, 149, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5871, 0.3379, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 149, 134) }
```

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

```
.background{ background-color: rgb(159,  
149, 134) }
```

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