

Converting Colors

$Yxy(30.6368, 0.3194, 0.3694)$

Have a look what the booklet for
Yxy(30.6368, 0.3194, 0.3694)
contains.

Yxy(30.5434, 0.3197, 0.3699)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.5434, 0.3197, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	8B9B82
RGB	139, 155, 130
RGB Percent	55%, 61%, 51%
CMY	0.4549, 0.3921, 0.4901
CMYK	0.10, 0.00, 0.16, 0.39
HSL	98°, 11%, 56%
HSV	98°, 16%, 61%
XYZ	26.3983, 30.5434, 25.6304
YIQ	147.3660, -1.5110, -11.1670

Conversions

Conversions Part 2

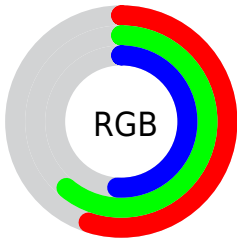
Format	Color
RYB	130, 155, 146
Decimal	9149314
CIELab	62.12, -10.50, 11.20
CIELCh	62, 15.354, 133.153
Yxy	30.5434, 0.3197, 0.3699
Android (android.graphics.Color)	4287339394 (0xFF8B9B82)
YUV	147.3660, -8.5614, -7.3370
Hunter-Lab	55.2661, -11.4537, 11.1898

Details

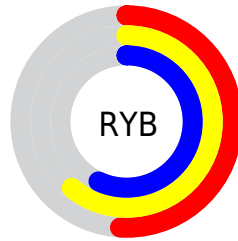
The Yxy color **30.5434, 0.3197, 0.3699** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4516, 0.3046, 0.2891**, and the grayscale version is **29.3744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3573, 0.3188, 0.3607**, and **12.6186, 0.3214, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **29.3426, 0.3237, 0.3983**, and if you desaturate by 10%, it is **31.8872, 0.3154, 0.3438**.

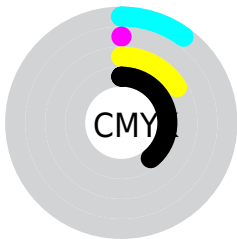
Distribution



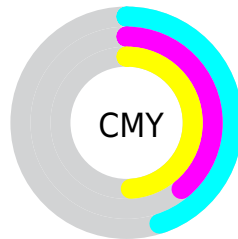
- Red (55%)
- Green (61%)
- Blue (51%)



- Red (51%)
- Yellow (61%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (39%)





- Cyan (45%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5434, 0.3197, 0.3699 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 30.5434, 0.3197, 0.3699 by changing the saturation by 10% instead.


 30.5434, 0.3197,
0.3699


 30.5434, 0.3197,
0.3699


304.4292, 0.3162,
0.3476

 20.2514, 0.3206,
0.3762


 60.5205, 0.3184,
0.3613

 12.5779, 0.3216,
0.3848


 80.9744, 0.3180,
0.3582

 7.1386, 0.3230,
0.3971


 105.5843, 0.3175,
0.3557

 3.5489, 0.3247,
0.4164

134.7348, 0.3172,
0.3535

 1.4246, 0.3292,
0.4545

168.8101, 0.3169,
0.3517

 0.2347, 0.0000,
1.0000

208.1947, 0.3166,

 0.0000, 0.0000,

0.3501

0.0000

253.2729, 0.3164,
0.3488

■ 30.5434, 0.3197,
0.3699

■ 30.5434, 0.3197,
0.3699

■ 29.3426, 0.3237,
0.3983

■ 31.8872, 0.3154,
0.3438

■ 28.2761, 0.3272,
0.4284

■ 33.3747, 0.3110,
0.3201

■ 27.3400, 0.3300,
0.4595


■ 35.0117, 0.3067,
0.2989


■ 26.5289, 0.3315,
0.4902


■ 36.8022, 0.3025,
0.2800


■ 25.8366, 0.3316,
0.5191


■ 38.7503, 0.2985,
0.2632

 25.2568, 0.3301,
0.5444


 40.8599, 0.2948,
0.2484


 24.7821, 0.3269,
0.5646

 43.1347, 0.2912,
0.2353

 24.4031, 0.3223,
0.5788

 45.5783, 0.2880,
0.2237

 24.2752, 0.3206,
0.5836

 47.2230, 0.2953,
0.2253

Harmonies

Analogous

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



30.5434, 0.3429, 0.3723



30.5434, 0.3197, 0.3699



30.5434, 0.2953, 0.3551

Triad

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



30.5434, 0.3197, 0.3699



30.5434, 0.2687, 0.2942



30.5434, 0.3505, 0.3237

Complementary

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



30.5434, 0.3197, 0.3699



24.4516, 0.3046, 0.2891

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.



30.5434, 0.3293, 0.3048



30.5434, 0.3197, 0.3699



30.5434, 0.2822, 0.2879

Square

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



30.5434, 0.3197, 0.3699



30.5434, 0.2665, 0.3103



30.5434, 0.3042, 0.2919



30.5434, 0.3613, 0.3446

Rectangle

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



30.5434, 0.3197, 0.3699



30.5434, 0.2815, 0.3406



30.5434, 0.3042, 0.2919



30.5434, 0.3443, 0.3170

Sweetspot

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



30.5447, 0.3197, 0.3699



57.3631, 0.3150, 0.3413



29.0909, 0.3384, 0.3540



12.9461, 0.3152, 0.3429



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



30.5447, 0.3197, 0.3699



53.9718, 0.3211, 0.3789



29.8948, 0.3078, 0.3653



7.0282, 0.3167, 0.3516



19.5168, 0.3212, 0.5832



0.3110, 0.3545, 0.5567

Inverse Universe

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



24.4516, 0.3046, 0.2891



41.1485, 0.3026, 0.2805



25.1963, 0.3181, 0.2952



6.2126, 0.3083, 0.3067



4.0686, 0.2342, 0.1064



0.0811, 0.2737, 0.1281

Previews

White Background



This preview shows how the Yxy color 30.5434, 0.3197, 0.3699 looks on a white background.

Color Contrast Check

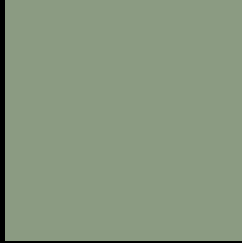
Large Text (above 18pt) WCAG AA × Fail

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 30.5434, 0.3197, 0.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

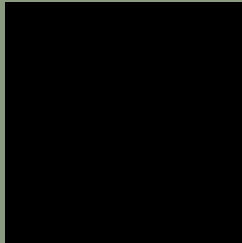
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

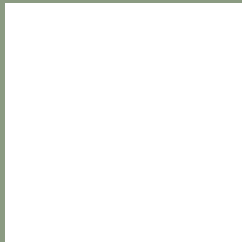
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.5434, 0.3197, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 30.5434, 0.3197, 0.3699.



This preview shows how white text looks on a background with the Yxy color 30.5434, 0.3197, 0.3699.

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

30.5434, 0.3197, 0.3699

Protanopia

30.6141, 0.3436, 0.3648

Deuteranopia

30.2704, 0.3545, 0.3470



Tritanopia

30.3506, 0.2958, 0.3103

Trichromacy



Original Color

30.5434, 0.3197, 0.3699

Protanomaly

30.5943, 0.3346, 0.3671

Deuteranomaly

30.1894, 0.3412, 0.3554

Tritanomaly

30.4093, 0.3046, 0.3322

Monochromacy



Original Color

30.5434, 0.3197, 0.3699

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.6651, 0.3151, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5434, 0.3197, 0.3699 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(139, 155, 130)` looks like.

```
.text, #text, p{  
    color:rgb(139, 155, 130)  
}
```

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(139, 155, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 155, 130) }
```

Border

The CSS property to change the border of an element to Yxy 30.5434, 0.3197, 0.3699 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(139, 155, 130) }
```

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

```
.border{ border-color:rgb(139, 155, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 155, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 155, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 155, 130);  
box-shadow:4px 4px 4px 4px rgb(139, 155,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5434, 0.3197, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 155, 130) }
```

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

```
.background{ background-color: rgb(139,  
155, 130) }
```

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