

Converting Colors

$Yxy(33.2959, 0.3532, 0.4074)$

Have a look what the booklet for
Yxy(33.2959, 0.3532, 0.4074)
contains.

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Color

Yxy(33.2360, 0.3534, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	9BA06E
RGB	155, 160, 110
RGB Percent	61%, 63%, 43%
CMY	0.3922, 0.3725, 0.5686
CMYK	0.03, 0.00, 0.31, 0.37
HSL	66°, 21%, 53%
HSV	66°, 31%, 63%
XYZ	28.9016, 33.2360, 19.6439
YIQ	152.8050, 13.0700, -16.6100

Conversions

Conversions Part 2

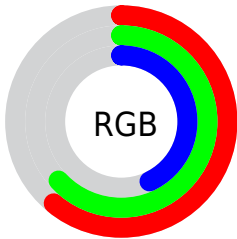
Format	Color
RYB	110, 160, 115
Decimal	10199150
CIELab	64.35, -10.12, 25.53
CIELCh	64, 27.458, 111.620
Yxy	33.2360, 0.3534, 0.4064
Android (android.graphics.Color)	4288389230 (0xFF9BA06E)
YUV	152.8050, -21.1029, 1.9250
Hunter-Lab	57.6507, -11.4026, 20.1530

Details

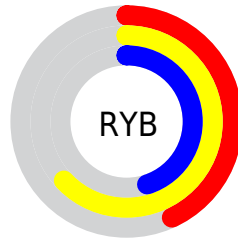
The Yxy color **33.2360, 0.3534, 0.4064** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.3367, 0.2640, 0.2410**, and the grayscale version is **31.8554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9112, 0.3458, 0.3910**, and **14.1686, 0.3642, 0.4324** is the 20% darker color. If you saturate the color by 10%, you get **32.7621, 0.3658, 0.4310**, and if you desaturate by 10%, it is **33.7779, 0.3404, 0.3812**.

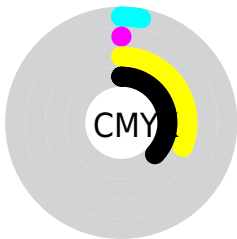
Distribution



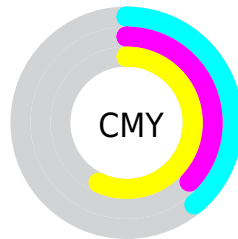
- Red (61%)
- Green (63%)
- Blue (43%)



- Red (43%)
- Yellow (63%)
- Blue (45%)



- Cyan (3%)
- Magenta (0%)
- Yellow (31%)
- Black (37%)





- Cyan (39%)
- Magenta (37%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2360, 0.3534, 0.4064 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 33.2360, 0.3534, 0.4064 by changing the saturation by 10% instead.


 33.2360, 0.3534,
0.4064


 33.2360, 0.3534,
0.4064


316.7118, 0.3327,
0.3649


 22.3073, 0.3585,
0.4176


 64.7438, 0.3459,
0.3906

 14.0829, 0.3650,
0.4326


 86.0917, 0.3430,
0.3849

 8.1783, 0.3732,
0.4532


 111.6815, 0.3406,
0.3802

 4.2093, 0.3835,
0.4830

 141.8975, 0.3386,
0.3762

 1.7913, 0.4275,
0.5725

177.1241, 0.3368,
0.3727

 0.4817, 0.3045,
0.6955

217.7458, 0.3352,

 0.0000, 0.0000,

0.3698

0.0000

264.1469, 0.3339,
0.3672

■ 33.2360, 0.3534,
0.4064

■ 33.2360, 0.3534,
0.4064

■ 32.7621, 0.3658,
0.4310

■ 33.7779, 0.3404,
0.3812

■ 32.3483, 0.3770,
0.4541

■ 34.3866, 0.3273,
0.3562

■ 31.9925, 0.3865,
0.4746

■ 35.0663, 0.3143,
0.3320

■ 31.6905, 0.3939,
0.4918

■ 35.8200, 0.3018,
0.3090

■ 31.4376, 0.3989,
0.5050

■ 36.6501, 0.2901,
0.2875

■ 31.2283, 0.4013,
0.5138

■ 37.5593, 0.2791,
0.2677

■ 31.0694, 0.4020,
0.5190

■ 38.5497, 0.2689,
0.2496

■ 39.6237, 0.2596,
0.2331

■ 40.7836, 0.2511,
0.2182

Harmonies

Analogous

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



33.2360, 0.3859, 0.3922



33.2360, 0.3534, 0.4064



33.2360, 0.3113, 0.3971

Triad

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



33.2360, 0.3534, 0.4064



33.2360, 0.2337, 0.2860



33.2360, 0.3529, 0.2960

Complementary

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



33.2360, 0.3534, 0.4064



17.3367, 0.2640, 0.2410

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.



33.2360, 0.3094, 0.2716



33.2360, 0.3534, 0.4064



33.2360, 0.2428, 0.2645

Square

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



33.2360, 0.3534, 0.4064



33.2360, 0.2436, 0.3225



33.2360, 0.2695, 0.2601



33.2360, 0.3865, 0.3285

Rectangle

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



33.2360, 0.3534, 0.4064



33.2360, 0.2838, 0.3775



33.2360, 0.2695, 0.2601



33.2360, 0.3388, 0.2867

Sweetspot

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



33.2375, 0.3534, 0.4064



62.6760, 0.3245, 0.3511



20.8622, 0.3790, 0.3373



13.7100, 0.3263, 0.3544



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.



33.2375, 0.3534, 0.4064



59.6876, 0.3627, 0.4249



31.0160, 0.3277, 0.4133



7.6866, 0.3246, 0.3512



24.2111, 0.4022, 0.5189



0.4417, 0.4095, 0.5130

Inverse Universe

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



17.3367, 0.2640, 0.2410



25.8488, 0.2499, 0.2163



19.2665, 0.2923, 0.2477



6.4655, 0.3002, 0.3060



2.0731, 0.1543, 0.0624



0.0453, 0.1738, 0.0731

Previews

White Background



This preview shows how the Yxy color 33.2360, 0.3534, 0.4064 looks on a white background.

Color Contrast Check

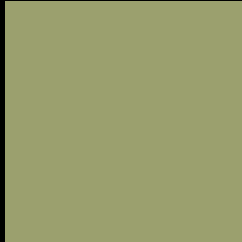
Large Text (above 18pt) WCAG AA × Fail

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 33.2360, 0.3534, 0.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

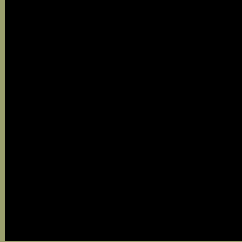
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

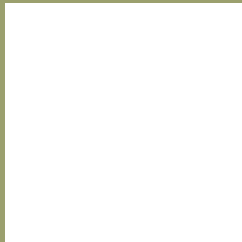
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.2360, 0.3534, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 33.2360, 0.3534, 0.4064.



This preview shows how white text looks on a background with the Yxy color 33.2360, 0.3534, 0.4064.

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

33.2360, 0.3534, 0.4064

Protanopia

33.1845, 0.3709, 0.4003

Deuteranopia

32.9790, 0.3890, 0.3809



Tritanopia

33.1805, 0.3106, 0.3115

Trichromacy



Original Color

33.2360, 0.3534, 0.4064

Protanomaly

33.0046, 0.3641, 0.4016

Deuteranomaly

32.9288, 0.3759, 0.3903

Tritanomaly

33.1922, 0.3259, 0.3456

Monochromacy



Original Color

33.2360, 0.3534, 0.4064

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.4531, 0.3283, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2360, 0.3534, 0.4064 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(155, 160, 110)` looks like.

```
.text, #text, p{  
    color:rgb(155, 160, 110)  
}
```

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(155, 160, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 160, 110) }
```

Border

The CSS property to change the border of an element to Yxy 33.2360, 0.3534, 0.4064 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(155, 160, 110) }
```

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

```
.border{ border-color:rgb(155, 160, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 160, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 160, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 160, 110);  
box-shadow:4px 4px 4px 4px rgb(155, 160,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2360, 0.3534, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 160, 110) }
```

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

```
.background{ background-color: rgb(155,  
160, 110) }
```

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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