

Converting Colors

$Yxy(33.6661, 0.3233, 0.3923)$

Have a look what the booklet for
Yxy(33.6661, 0.3233, 0.3923)
contains.

Yxy(33.5206, 0.3229, 0.3918)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.5206, 0.3229, 0.3918)

Conversions

Conversions Part 1

Format	Color
Hex	8BA47D
RGB	139, 164, 125
RGB Percent	55%, 64%, 49%
CMY	0.4548, 0.3569, 0.5099
CMYK	0.15, 0.00, 0.24, 0.36
HSL	98°, 18%, 57%
HSV	98°, 24%, 64%
XYZ	27.6258, 33.5206, 24.4090
YIQ	152.0790, -2.3810, -17.4290

Conversions

Conversions Part 2

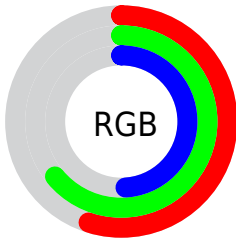
Format	Color
RYB	125, 164, 150
Decimal	9151613
CIELab	64.58, -16.12, 17.44
CIElCh	65, 23.749, 132.762
Yxy	33.5206, 0.3229, 0.3918
Android (android.graphics.Color)	4287341693 (0xFF8BA47D)
YUV	152.0790, -13.3499, -11.4703
Hunter-Lab	57.8970, -16.1475, 15.5316

Details

The Yxy color **33.5206, 0.3229, 0.3918** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.8230, 0.2998, 0.2684**, and the grayscale version is **31.4962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2148, 0.3212, 0.3784**, and **14.1849, 0.3243, 0.4136** is the 20% darker color. If you saturate the color by 10%, you get **32.2760, 0.3266, 0.4217**, and if you desaturate by 10%, it is **34.9242, 0.3188, 0.3638**.

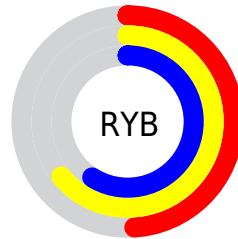
Distribution



Red (55%)

Green (64%)

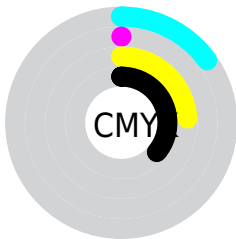
Blue (49%)



Red (49%)

Yellow (64%)

Blue (59%)

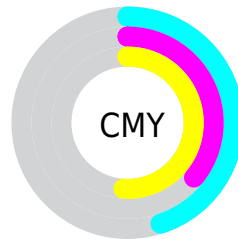


Cyan (15%)

Magenta (0%)

Yellow (24%)

Black (36%)



Cyan (45%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5206, 0.3229, 0.3918 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 33.5206, 0.3229, 0.3918 by changing the saturation by 10% instead.


 33.5206, 0.3229,
0.3918


 33.5206, 0.3229,
0.3918


317.9891, 0.3181,
0.3577


 22.5256, 0.3239,
0.4013


 65.1875, 0.3213,
0.3787

 14.2436, 0.3251,
0.4142


 86.6281, 0.3206,
0.3740

 8.2903, 0.3264,
0.4325


 112.3193, 0.3200,
0.3701

 4.2812, 0.3274,
0.4604

142.6456, 0.3195,
0.3668

 1.8321, 0.3318,
0.5164

177.9914, 0.3191,
0.3640

 0.5071, 0.1483,
0.8517

218.7409, 0.3187,

 0.0000, 0.0000,

0.3616

0.0000

265.2787, 0.3184,
0.3595

■ 33.5206, 0.3229,
0.3918

■ 33.5206, 0.3229,
0.3918

■ 32.2760, 0.3266,
0.4217

■ 34.9242, 0.3188,
0.3638

■ 31.1801, 0.3295,
0.4528

■ 36.4878, 0.3144,
0.3381

■ 30.2282, 0.3313,
0.4839

■ 38.2182, 0.3100,
0.3149

■ 29.4135, 0.3318,
0.5135

■ 40.1203, 0.3057,
0.2941

■ 28.7288, 0.3306,
0.5397

■ 42.1988, 0.3015,
0.2757

■ 28.1659, 0.3277,
0.5611

■ 44.4584, 0.2975,
0.2593

■ 27.7153, 0.3233,
0.5764

■ 46.9034, 0.2938,
0.2449

■ 27.4812, 0.3204,
0.5838

■ 49.4617, 0.2912,
0.2332

■ 51.1817, 0.2995,
0.2355

Harmonies

Analogous

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



33.5206, 0.3578, 0.3940



33.5206, 0.3229, 0.3918



33.5206, 0.2866, 0.3693

Triad

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



33.5206, 0.3229, 0.3918



33.5206, 0.2478, 0.2772



33.5206, 0.3693, 0.3201

Complementary

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



33.5206, 0.3229, 0.3918



23.8230, 0.2998, 0.2684

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.



33.5206, 0.3368, 0.2931



33.5206, 0.3229, 0.3918



33.5206, 0.2670, 0.2686

Square

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



33.5206, 0.3229, 0.3918



33.5206, 0.2447, 0.3005



33.5206, 0.2991, 0.2746



33.5206, 0.3859, 0.3505

Rectangle

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



33.5206, 0.3229, 0.3918



33.5206, 0.2665, 0.3467



33.5206, 0.2991, 0.2746



33.5206, 0.3598, 0.3105

Sweetspot

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



33.5220, 0.3229, 0.3918



65.2499, 0.3159, 0.3464



31.0877, 0.3523, 0.3667



14.2305, 0.3161, 0.3478



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



33.5220, 0.3229, 0.3918



59.5124, 0.3251, 0.4088



32.5264, 0.3053, 0.3854



8.0133, 0.3168, 0.3518



21.0959, 0.3210, 0.5833



0.4692, 0.3509, 0.5596

Inverse Universe

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



23.8230, 0.2998, 0.2684



38.5354, 0.2959, 0.2528



25.0510, 0.3211, 0.2785



7.0741, 0.3083, 0.3065



4.3852, 0.2338, 0.1062



0.1173, 0.2666, 0.1242

Previews

White Background



This preview shows how the Yxy color 33.5206, 0.3229, 0.3918 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 33.5206, 0.3229, 0.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

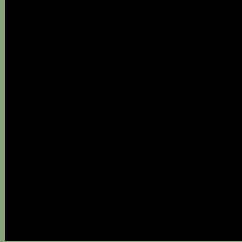
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5206, 0.3229, 0.3918

Background



This preview shows how black text looks on a background with the Yxy color 33.5206, 0.3229, 0.3918.



This preview shows how white text looks on a background with the Yxy color 33.5206, 0.3229, 0.3918.

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

33.5206, 0.3229, 0.3918

Protanopia

33.3729, 0.3573, 0.3813

Deuteranopia

33.1950, 0.3676, 0.3604



Tritanopia

33.4670, 0.2911, 0.3109

Trichromacy



Original Color

33.5206, 0.3229, 0.3918

Protanomaly

33.3695, 0.3448, 0.3859

Deuteranomaly

33.0820, 0.3507, 0.3710

Tritanomaly

33.3143, 0.3019, 0.3383

Monochromacy



Original Color

33.5206, 0.3229, 0.3918

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.9330, 0.3166, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5206, 0.3229, 0.3918 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, 164, 125)` looks like.

```
.text, #text, p{  
    color:rgb(139, 164, 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(139, 164, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 164, 125) }
```

Border

The CSS property to change the border of an element to Yxy 33.5206, 0.3229, 0.3918 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, 164, 125) }
```

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

```
.border{ border-color:rgb(139, 164, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 164, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 164, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 164, 125);  
box-shadow:4px 4px 4px 4px rgb(139, 164,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5206, 0.3229, 0.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 164, 125) }
```

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

```
.background{ background-color: rgb(139,  
164, 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