

Converting Colors

$Yxy(33.4993, 0.3394, 0.4067)$

Have a look what the booklet for
Yxy(33.4993, 0.3394, 0.4067)
contains.

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Color

Yxy(33.5203, 0.3396, 0.4067)

Conversions

Conversions Part 1

Format	Color
Hex	92A372
RGB	146, 163, 114
RGB Percent	57%, 64%, 45%
CMY	0.4274, 0.3608, 0.5530
CMYK	0.10, 0.00, 0.30, 0.36
HSL	81°, 21%, 54%
HSV	81°, 30%, 64%
XYZ	27.9899, 33.5203, 20.9100
YIQ	152.3310, 5.5970, -18.8430

Conversions

Conversions Part 2

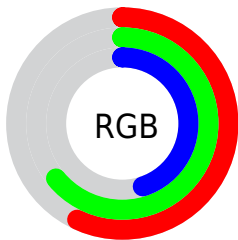
Format	Color
RYB	114, 163, 131
Decimal	9610098
CIELab	64.58, -14.67, 23.54
CIELCh	65, 27.742, 121.936
Yxy	33.5203, 0.3396, 0.4067
Android (android.graphics.Color)	4287800178 (0xFF92A372)
YUV	152.3310, -18.8972, -5.5523
Hunter-Lab	57.8967, -15.0242, 19.1145

Details

The Yxy color **33.5203, 0.3396, 0.4067** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4991, 0.2792, 0.2476**, and the grayscale version is **31.6326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1753, 0.3346, 0.3911**, and **14.1834, 0.3475, 0.4340** is the 20% darker color. If you saturate the color by 10%, you get **32.6781, 0.3477, 0.4343**, and if you desaturate by 10%, it is **34.4572, 0.3308, 0.3796**.

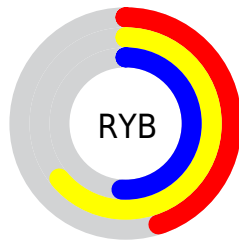
Distribution



Red (57%)

Green (64%)

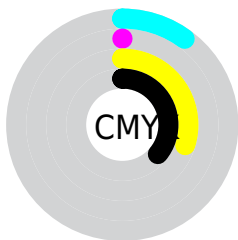
Blue (45%)



Red (45%)

Yellow (64%)

Blue (51%)

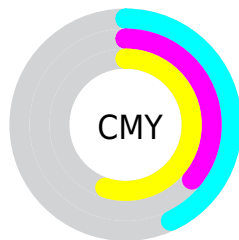


Cyan (10%)

Magenta (0%)

Yellow (30%)

Black (36%)



Cyan (43%)


Magenta (36%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5203, 0.3396, 0.4067 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 33.5203, 0.3396, 0.4067 by changing the saturation by 10% instead.


 33.5203, 0.3396,
0.4067


 33.5203, 0.3396,
0.4067


317.9878, 0.3262,
0.3646


 22.5253, 0.3428,
0.4183


 65.1870, 0.3348,
0.3906


 14.2434, 0.3466,
0.4338


 86.6275, 0.3330,
0.3848

 8.2902, 0.3514,
0.4556

 112.3187, 0.3315,
0.3800

 4.2812, 0.3567,
0.4881

 142.6448, 0.3301,
0.3760

 1.8321, 0.3860,
0.5787

177.9904, 0.3290,
0.3725

 0.5070, 0.1961,
0.8039

218.7399, 0.3279,

 0.0000, 0.0000,

0.3695

0.0000

265.2775, 0.3270,
0.3669

■ 33.5203, 0.3396,
0.4067

■ 33.5203, 0.3396,
0.4067

■ 32.6781, 0.3477,
0.4343

■ 34.4572, 0.3308,
0.3796

■ 31.9222, 0.3547,
0.4613

■ 35.4880, 0.3218,
0.3536

■ 31.2500, 0.3601,
0.4868


■ 36.6175, 0.3128,
0.3292


■ 30.6568, 0.3635,
0.5094


■ 37.8489, 0.3040,
0.3066


■ 30.1374, 0.3646,
0.5281

■ 39.1853, 0.2956,
0.2859


 29.6856, 0.3633,
0.5422

 40.6296, 0.2877,
0.2672

 29.2906, 0.3602,
0.5522

 42.1845, 0.2804,
0.2503

 43.8528, 0.2735,
0.2351

 45.2651, 0.2708,
0.2264

Harmonies

Analogous

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



33.5203, 0.3769, 0.3998



33.5203, 0.3396, 0.4067



33.5203, 0.2966, 0.3886

Triad

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



33.5203, 0.3396, 0.4067



33.5203, 0.2341, 0.2763



33.5203, 0.3667, 0.3064

Complementary

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



33.5203, 0.3396, 0.4067



19.4991, 0.2792, 0.2476

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.



33.5203, 0.3247, 0.2784



33.5203, 0.3396, 0.4067



33.5203, 0.2497, 0.2606

Square

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



33.5203, 0.3396, 0.4067



33.5203, 0.2375, 0.3085



33.5203, 0.2819, 0.2619



33.5203, 0.3941, 0.3406

Rectangle

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



33.5203, 0.3396, 0.4067



33.5203, 0.2707, 0.3647



33.5203, 0.2819, 0.2619



33.5203, 0.3536, 0.2961

Sweetspot

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



33.5218, 0.3396, 0.4067



63.7308, 0.3210, 0.3513



25.0531, 0.3707, 0.3549



14.2529, 0.3222, 0.3548



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.



33.5218, 0.3396, 0.4067



59.0192, 0.3450, 0.4249



31.5583, 0.3162, 0.4127



8.1138, 0.3211, 0.3516



22.7898, 0.3607, 0.5518



0.5035, 0.3828, 0.5342

Inverse Universe

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



19.4991, 0.2792, 0.2476



29.8580, 0.2700, 0.2275



21.6280, 0.3065, 0.2539



6.9737, 0.3038, 0.3061



2.7427, 0.1781, 0.0755



0.0831, 0.2205, 0.0989

Previews

White Background



This preview shows how the Yxy color 33.5203, 0.3396, 0.4067 looks on a white background.

Color Contrast Check

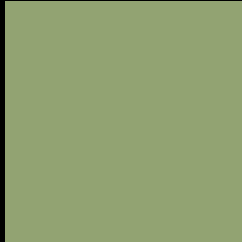
Large Text (above 18pt) WCAG AA × Fail

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 33.5203, 0.3396, 0.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

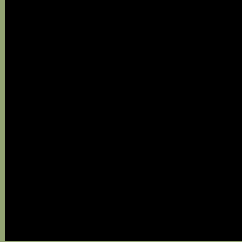
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5203, 0.3396, 0.4067

Background



This preview shows how black text looks on a background with the Yxy color 33.5203, 0.3396, 0.4067.



This preview shows how white text looks on a background with the Yxy color 33.5203, 0.3396, 0.4067.

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

33.5203, 0.3396, 0.4067

Protanopia

33.3596, 0.3691, 0.3956

Deuteranopia

33.2874, 0.3823, 0.3755



Tritanopia

33.4741, 0.3001, 0.3112

Trichromacy



Original Color

33.5203, 0.3396, 0.4067

Protanomaly

33.5432, 0.3583, 0.4003

Deuteranomaly

33.2497, 0.3658, 0.3867

Tritanomaly

33.5137, 0.3148, 0.3459

Monochromacy



Original Color

33.5203, 0.3396, 0.4067

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.0959, 0.3233, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5203, 0.3396, 0.4067 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(146, 163, 114)` looks like.

```
.text, #text, p{  
    color:rgb(146, 163, 114)  
}
```

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(146, 163, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 163, 114) }
```

Border

The CSS property to change the border of an element to Yxy 33.5203, 0.3396, 0.4067 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(146, 163, 114) }
```

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

```
.border{ border-color:rgb(146, 163, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 163, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 163, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 163, 114);  
box-shadow:4px 4px 4px 4px rgb(146, 163,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5203, 0.3396, 0.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 163, 114) }
```

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

```
.background{ background-color: rgb(146,  
163, 114) }
```

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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