

Converting Colors

$Yxy(33.7380, 0.3312, 0.3708)$

Have a look what the booklet for
Yxy(33.7380, 0.3312, 0.3708)
contains.

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Color

Yxy(33.7051, 0.3313, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	9AA085
RGB	154, 160, 133
RGB Percent	60%, 63%, 52%
CMY	0.3961, 0.3725, 0.4784
CMYK	0.04, 0.00, 0.17, 0.37
HSL	73°, 12%, 57%
HSV	73°, 17%, 63%
XYZ	30.1309, 33.7051, 27.1114
YIQ	155.1280, 5.0910, -9.6690

Conversions

Conversions Part 2

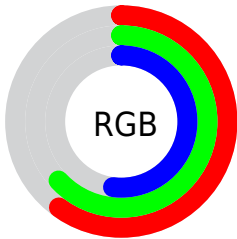
Format	Color
RYB	133, 160, 139
Decimal	10133637
CIELab	64.73, -7.04, 13.36
CIELCh	65, 15.103, 117.775
Yxy	33.7051, 0.3313, 0.3706
Android (android.graphics.Color)	4288323717 (0xFF9AA085)
YUV	155.1280, -10.9091, -0.9893
Hunter-Lab	58.0561, -8.9574, 12.9516

Details

The Yxy color **33.7051, 0.3313, 0.3706** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.8068, 0.2921, 0.2855**, and the grayscale version is **32.8863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7014, 0.3282, 0.3627**, and **14.4454, 0.3377, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **32.9532, 0.3423, 0.3966**, and if you desaturate by 10%, it is **34.5377, 0.3202, 0.3455**.

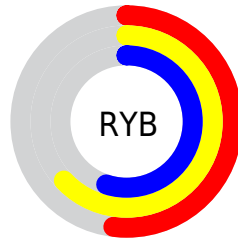
Distribution



Red (60%)

Green (63%)

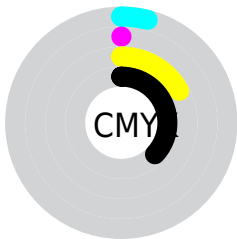
Blue (52%)



Red (52%)

Yellow (63%)

Blue (55%)

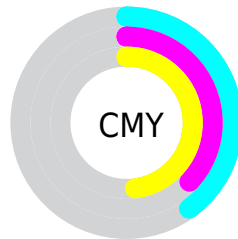


Cyan (4%)

Magenta (0%)

Yellow (17%)

Black (37%)



Cyan (40%)


Magenta (37%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7051, 0.3313, 0.3706 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 33.7051, 0.3313, 0.3706 by changing the saturation by 10% instead.


 33.7051, 0.3313,
0.3706

 33.7051, 0.3313,
0.3706


318.8151, 0.3217,
0.3484

 22.6671, 0.3338,
0.3767


 65.4748, 0.3277,
0.3621

 14.3479, 0.3370,
0.3848


 86.9754, 0.3264,
0.3591

 8.3630, 0.3414,
0.3962


 112.7322, 0.3253,
0.3565

 4.3281, 0.3476,
0.4134

143.1298, 0.3244,
0.3544

 1.8588, 0.3571,
0.4426

178.5525, 0.3236,
0.3526

 0.5234, 0.3836,
0.6164

219.3847, 0.3229,

 0.0000, 0.0000,

0.3510

0.0000

266.0107, 0.3222,
0.3496

■ 33.7051, 0.3313,
0.3706

■ 33.7051, 0.3313,
0.3706

■ 32.9532, 0.3423,
0.3966

■ 34.5377, 0.3202,
0.3455

■ 32.2744, 0.3528,
0.4228

■ 35.4496, 0.3094,
0.3217

■ 31.6668, 0.3624,
0.4484

■ 36.4448, 0.2989,
0.2996

■ 31.1269, 0.3706,
0.4723

■ 37.5262, 0.2891,
0.2792

■ 30.6506, 0.3768,
0.4936

■ 38.6961, 0.2798,
0.2606

■ 30.2333, 0.3807,
0.5111

■ 39.9570, 0.2713,
0.2437

■ 29.8699, 0.3822,
0.5243

■ 41.3111, 0.2634,
0.2285

■ 29.5525, 0.3813,
0.5333

■ 42.3673, 0.2598,
0.2200

■ 29.4577, 0.3809,
0.5358

■ 42.8079, 0.2624,
0.2208

Harmonies

Analogous

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



33.7051, 0.3503, 0.3667



33.7051, 0.3313, 0.3706



33.7051, 0.3078, 0.3623

Triad

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



33.7051, 0.3313, 0.3706



33.7051, 0.2682, 0.3028



33.7051, 0.3393, 0.3142

Complementary

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



33.7051, 0.3313, 0.3706



24.8068, 0.2921, 0.2855

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.



33.7051, 0.3163, 0.2987



33.7051, 0.3313, 0.3706



33.7051, 0.2758, 0.2917

Square

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



33.7051, 0.3313, 0.3706



33.7051, 0.2720, 0.3218



33.7051, 0.2932, 0.2905



33.7051, 0.3552, 0.3338

Rectangle

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



33.7051, 0.3313, 0.3706



33.7051, 0.2928, 0.3509



33.7051, 0.2932, 0.2905



33.7051, 0.3321, 0.3084

Sweetspot

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



33.7066, 0.3313, 0.3706



62.9898, 0.3183, 0.3412



27.5923, 0.3425, 0.3382



13.7915, 0.3190, 0.3428



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.



33.7066, 0.3313, 0.3706



60.7013, 0.3352, 0.3797



32.4697, 0.3180, 0.3724



7.6459, 0.3228, 0.3513



22.9657, 0.3812, 0.5355



0.4276, 0.3975, 0.5226

Inverse Universe

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



24.8068, 0.2921, 0.2855



41.6472, 0.2872, 0.2754



26.0261, 0.3063, 0.2873



6.5029, 0.3020, 0.3061



2.2807, 0.1633, 0.0673



0.0573, 0.1998, 0.0874

Previews

White Background



This preview shows how the Yxy color 33.7051, 0.3313, 0.3706 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 33.7051, 0.3313, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

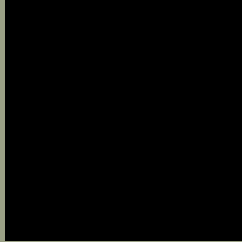
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

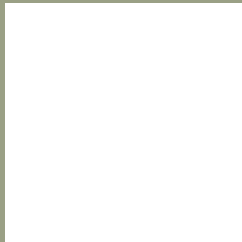
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.7051, 0.3313, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 33.7051, 0.3313, 0.3706.



This preview shows how white text looks on a background with the Yxy color 33.7051, 0.3313, 0.3706.

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

33.7051, 0.3313, 0.3706

Protanopia

33.7520, 0.3452, 0.3679

Deuteranopia

33.5858, 0.3590, 0.3519



Tritanopia

33.6036, 0.3058, 0.3114

Trichromacy



Original Color

33.7051, 0.3313, 0.3706

Protanomaly

33.6967, 0.3398, 0.3683

Deuteranomaly

33.4904, 0.3495, 0.3584

Tritanomaly

33.6486, 0.3145, 0.3320

Monochromacy



Original Color

33.7051, 0.3313, 0.3706

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.1891, 0.3199, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7051, 0.3313, 0.3706 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(154, 160, 133)` looks like.

```
.text, #text, p{  
    color:rgb(154, 160, 133)  
}
```

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(154, 160, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 160, 133) }
```

Border

The CSS property to change the border of an element to Yxy 33.7051, 0.3313, 0.3706 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(154, 160, 133) }
```

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

```
.border{ border-color:rgb(154, 160, 133) }
```

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

Here you see how a box with a 4 pixel rgb(154, 160, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 160, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 160, 133);  
box-shadow:4px 4px 4px 4px rgb(154, 160,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7051, 0.3313, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 160, 133) }
```

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

```
.background{ background-color: rgb(154,  
160, 133) }
```

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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