

Converting Colors

$Yxy(37.8931, 0.3252, 0.3462)$

Have a look what the booklet for
Yxy(37.8931, 0.3252, 0.3462)
contains.

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Color

Yxy(37.9304, 0.3251, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	A8A69A
RGB	168, 166, 154
RGB Percent	66%, 65%, 60%
CMY	0.3411, 0.3490, 0.3961
CMYK	0.00, 0.01, 0.08, 0.34
HSL	51°, 7%, 63%
HSV	51°, 8%, 66%
XYZ	35.6186, 37.9304, 36.0131
YIQ	165.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

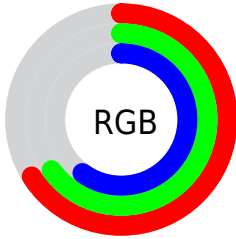
Format	Color
RYB	156, 168, 154
Decimal	11052698
CIELab	67.97, -1.46, 6.46
CIElCh	68, 6.623, 102.691
Yxy	37.9304, 0.3251, 0.3462
Android (android.graphics.Color)	4289242778 (0xFFA8A69A)
YUV	165.2300, -5.5364, 2.4293
Hunter-Lab	61.5877, -4.5446, 8.4418

Details

The Yxy color $37.9304, 0.3251, 0.3462$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $33.4755, 0.3001, 0.3112$, and the grayscale version is $37.7695, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.9549, 0.3228, 0.3433$, and $16.7269, 0.3290, 0.3512$ is the 20% darker color. If you saturate the color by 10%, you get $36.5432, 0.3408, 0.3675$, and if you desaturate by 10%, it is $39.4156, 0.3103, 0.3257$.

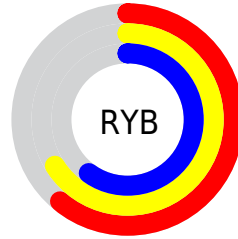
Distribution



Red (66%)

Green (65%)

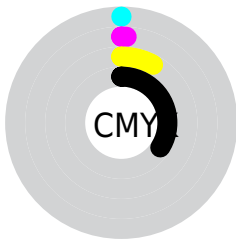
Blue (60%)



Red (61%)

Yellow (66%)

Blue (60%)

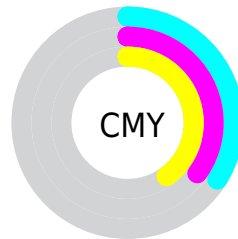


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (34%)



Cyan (34%)


Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.9304, 0.3251, 0.3462 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 37.9304, 0.3251, 0.3462 by changing the saturation by 10% instead.

 37.9304, 0.3251,
0.3462


 37.9304, 0.3251,
0.3462


337.3213, 0.3187,
0.3373

 25.9287, 0.3268,
0.3485


 72.0014, 0.3227,
0.3429

 16.7703, 0.3289,
0.3516


 94.8396, 0.3219,
0.3417

 10.0708, 0.3319,
0.3559


122.0586, 0.3211,
0.3406

 5.4460, 0.3362,
0.3620

154.0429, 0.3205,
0.3398

 2.5112, 0.3430,
0.3719

191.1770, 0.3200,
0.3390

 0.8822, 0.3660,
0.4021

233.8451, 0.3195,

 0.0000, 0.0000,

0.3384

0.0000

282.4318, 0.3191,
0.3378

■ 37.9304, 0.3251,
0.3462

■ 37.9304, 0.3251,
0.3462

■ 36.5432, 0.3408,
0.3675

■ 39.4156, 0.3103,
0.3257

■ 35.2459, 0.3571,
0.3891

■ 40.9971, 0.2966,
0.3062

■ 34.0364, 0.3736,
0.4103

■ 42.6795, 0.2840,
0.2881

■ 32.9110, 0.3898,
0.4303

■ 44.4655, 0.2726,
0.2713

■ 31.8655, 0.4052,
0.4482

■ 46.3580, 0.2622,
0.2558

■ 30.8953, 0.4189,
0.4630

■ 48.3595, 0.2528,
0.2417

■ 29.9953, 0.4304,
0.4739

■ 49.3565, 0.2531,
0.2445

■ 29.1593, 0.4394,
0.4805

■ 50.3577, 0.2535,
0.2474

■ 28.3767, 0.4458,
0.4831

■ 51.3760, 0.2539,
0.2503

Harmonies

Analogous

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



37.9304, 0.3310, 0.3427



37.9304, 0.3251, 0.3462



37.9304, 0.3159, 0.3450

Triad

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



37.9304, 0.3251, 0.3462



37.9304, 0.2938, 0.3220



37.9304, 0.3193, 0.3190

Complementary

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



37.9304, 0.3251, 0.3462



33.4755, 0.3001, 0.3112

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.



37.9304, 0.3093, 0.3136



37.9304, 0.3251, 0.3462



37.9304, 0.2947, 0.3152

Square

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



37.9304, 0.3251, 0.3462



37.9304, 0.2979, 0.3309



37.9304, 0.3003, 0.3122



37.9304, 0.3277, 0.3269

Rectangle

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



37.9304, 0.3251, 0.3462



37.9304, 0.3092, 0.3417



37.9304, 0.3003, 0.3122



37.9304, 0.3161, 0.3168

Sweetspot

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



37.9321, 0.3251, 0.3462



70.2246, 0.3172, 0.3352



33.8392, 0.3248, 0.3260



15.2597, 0.3183, 0.3368



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



37.9321, 0.3251, 0.3462



68.3465, 0.3279, 0.3501



38.1400, 0.3202, 0.3493



8.5878, 0.3265, 0.3482



21.3869, 0.4465, 0.4837



0.5687, 0.4363, 0.4918

Inverse Universe

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



33.4755, 0.3001, 0.3112



58.5977, 0.2972, 0.3070



33.2979, 0.3048, 0.3085



7.4677, 0.2986, 0.3091



2.6788, 0.1537, 0.0734



0.1154, 0.1664, 0.1188

Previews

White Background



This preview shows how the Yxy color 37.9304, 0.3251, 0.3462 looks on a white background.

Color Contrast Check

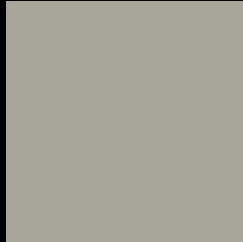
Large Text (above 18pt) WCAG AA × Fail

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 37.9304, 0.3251, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

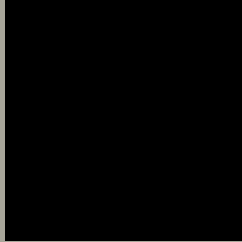
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

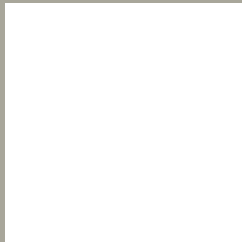
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.9304, 0.3251, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 37.9304, 0.3251, 0.3462.



This preview shows how white text looks on a background with the Yxy color 37.9304, 0.3251, 0.3462.

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

37.9304, 0.3251, 0.3462

Protanopia

37.8681, 0.3290, 0.3461

Deuteranopia

37.8225, 0.3419, 0.3359



Tritanopia

37.9869, 0.3089, 0.3110

Trichromacy



Original Color

37.9304, 0.3251, 0.3462

Protanomaly

37.7562, 0.3280, 0.3461

Deuteranomaly

37.7909, 0.3355, 0.3388

Tritanomaly

37.9241, 0.3149, 0.3234

Monochromacy



Original Color

37.9304, 0.3251, 0.3462

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.5905, 0.3171, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9304, 0.3251, 0.3462 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(168, 166, 154)` looks like.

```
.text, #text, p{  
    color:rgb(168, 166, 154)  
}
```

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(168, 166, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 166, 154) }
```

Border

The CSS property to change the border of an element to Yxy 37.9304, 0.3251, 0.3462 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(168, 166, 154) }
```

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

```
.border{ border-color:rgb(168, 166, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 166, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 166, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 166, 154);  
box-shadow:4px 4px 4px 4px rgb(168, 166,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9304, 0.3251, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 166, 154) }
```

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

```
.background{ background-color: rgb(168,  
166, 154) }
```

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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