

Converting Colors

$Yxy(35.3840, 0.3409, 0.3737)$

Have a look what the booklet for
Yxy(35.3840, 0.3409, 0.3737)
contains.

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Color

Yxy(35.2931, 0.3409, 0.3738)

Conversions

Conversions Part 1

Format	Color
Hex	A3A284
RGB	163, 162, 132
RGB Percent	64%, 64%, 52%
CMY	0.3608, 0.3647, 0.4824
CMYK	0.00, 0.01, 0.19, 0.36
HSL	58°, 14%, 58%
HSV	58°, 19%, 64%
XYZ	32.1868, 35.2931, 26.9372
YIQ	158.8790, 10.2260, -9.1180

Conversions

Conversions Part 2

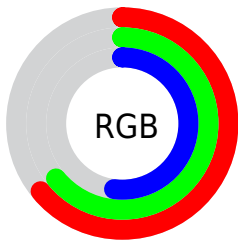
Format	Color
RYB	133, 163, 132
Decimal	10723972
CIELab	65.98, -4.83, 15.79
CIELCh	66, 16.509, 107.029
Yxy	35.2931, 0.3409, 0.3738
Android (android.graphics.Color)	4288914052 (0xFFA3A284)
YUV	158.8790, -13.2513, 3.6141
Hunter-Lab	59.4080, -7.2541, 14.7019

Details

The Yxy color **35.2931, 0.3409, 0.3738** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.3121, 0.2821, 0.2799**, and the grayscale version is **34.6705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0339, 0.3355, 0.3653**, and **15.1406, 0.3503, 0.3884** is the 20% darker color. If you saturate the color by 10%, you get **34.7012, 0.3561, 0.3977**, and if you desaturate by 10%, it is **35.9586, 0.3259, 0.3500**.

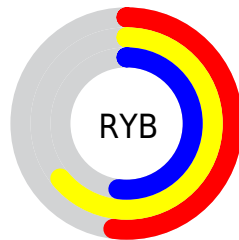
Distribution



Red (64%)

Green (64%)

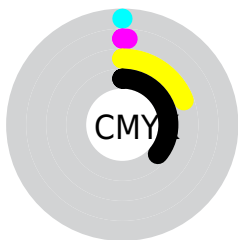
Blue (52%)



Red (52%)

Yellow (64%)

Blue (52%)

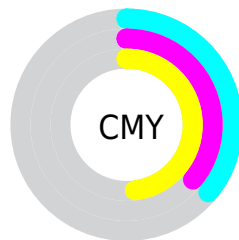


Cyan (0%)

Magenta (1%)

Yellow (19%)

Black (36%)



Cyan (36%)


Magenta (36%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2931, 0.3409, 0.3738 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 35.2931, 0.3409, 0.3738 by changing the saturation by 10% instead.


 35.2931, 0.3409,
0.3738


 35.2931, 0.3409,
0.3738


325.8602, 0.3263,
0.3501

 23.8887, 0.3447,
0.3801


 67.9396, 0.3355,
0.3649

 15.2511, 0.3496,
0.3885


 89.9505, 0.3335,
0.3616

 8.9958, 0.3562,
0.4001


 116.2657, 0.3318,
0.3589

 4.7384, 0.3656,
0.4172

147.2696, 0.3304,
0.3566

 2.0946, 0.3801,
0.4452

183.3466, 0.3292,
0.3547

 0.6616, 0.4357,
0.5643

224.8811, 0.3281,

 0.0000, 0.0000,

0.3530

0.0000

272.2575, 0.3272,
0.3515

■ 35.2931, 0.3409,
0.3738

■ 35.2931, 0.3409,
0.3738

■ 34.7012, 0.3561,
0.3977

■ 35.9586, 0.3259,
0.3500

■ 34.1749, 0.3709,
0.4209

■ 36.6960, 0.3113,
0.3268

■ 33.7124, 0.3848,
0.4425

■ 37.5098, 0.2975,
0.3047

■ 33.3099, 0.3972,
0.4615

■ 38.4026, 0.2847,
0.2840

■ 32.9631, 0.4077,
0.4772

■ 39.3769, 0.2728,
0.2649

■ 32.6673, 0.4157,
0.4889

■ 40.4353, 0.2619,
0.2473

■ 32.4168, 0.4212,
0.4965

■ 41.5800, 0.2521,
0.2313

■ 32.2006, 0.4246,
0.5005

■ 42.3294, 0.2471,
0.2234

■ 32.1800, 0.4249,
0.5008

■ 42.5178, 0.2472,
0.2241

Harmonies

Analogous

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



35.2931, 0.3581, 0.3652



35.2931, 0.3409, 0.3738



35.2931, 0.3165, 0.3697

Triad

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



35.2931, 0.3409, 0.3738



35.2931, 0.2650, 0.3072



35.2931, 0.3329, 0.3065

Complementary

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



35.2931, 0.3409, 0.3738



24.3121, 0.2821, 0.2799

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.



35.2931, 0.3073, 0.2923



35.2931, 0.3409, 0.3738



35.2931, 0.2688, 0.2919

Square

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



35.2931, 0.3409, 0.3738



35.2931, 0.2732, 0.3297



35.2931, 0.2840, 0.2869



35.2931, 0.3536, 0.3263

Rectangle

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



35.2931, 0.3409, 0.3738



35.2931, 0.2997, 0.3598



35.2931, 0.2840, 0.2869



35.2931, 0.3245, 0.3009

Sweetspot

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



35.2947, 0.3409, 0.3738



64.7780, 0.3216, 0.3431



25.9759, 0.3478, 0.3275



14.5312, 0.3225, 0.3445



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.



35.2947, 0.3409, 0.3738



62.7345, 0.3476, 0.3844



34.2011, 0.3262, 0.3774



8.1986, 0.3262, 0.3505



25.0258, 0.4248, 0.5009



0.5369, 0.4227, 0.5026

Inverse Universe

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



24.3121, 0.2821, 0.2799



39.2542, 0.2741, 0.2669



25.2930, 0.2970, 0.2804



6.8942, 0.2987, 0.3065



2.1551, 0.1507, 0.0626



0.0555, 0.1542, 0.0749

Previews

White Background



This preview shows how the Yxy color 35.2931, 0.3409, 0.3738 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 35.2931, 0.3409, 0.3738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

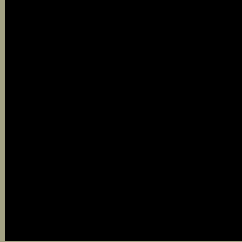
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

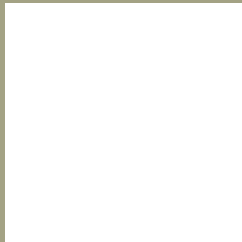
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.2931, 0.3409, 0.3738

Background



This preview shows how black text looks on a background with the Yxy color 35.2931, 0.3409, 0.3738.



This preview shows how white text looks on a background with the Yxy color 35.2931, 0.3409, 0.3738.

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

35.2931, 0.3409, 0.3738

Protanopia

35.3264, 0.3495, 0.3714

Deuteranopia

35.1467, 0.3643, 0.3570



Tritanopia

35.3033, 0.3125, 0.3120

Trichromacy



Original Color

35.2931, 0.3409, 0.3738

Protanomaly

35.3439, 0.3462, 0.3733

Deuteranomaly

35.1545, 0.3558, 0.3634

Tritanomaly

35.3036, 0.3222, 0.3334

Monochromacy



Original Color

35.2931, 0.3409, 0.3738

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.7851, 0.3226, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2931, 0.3409, 0.3738 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(163, 162, 132)` looks like.

```
.text, #text, p{  
    color:rgb(163, 162, 132)  
}
```

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(163, 162, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 162, 132) }
```

Border

The CSS property to change the border of an element to Yxy 35.2931, 0.3409, 0.3738 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(163, 162, 132) }
```

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

```
.border{ border-color:rgb(163, 162, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 162, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 162, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 162, 132);  
box-shadow:4px 4px 4px 4px rgb(163, 162,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2931, 0.3409, 0.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 162, 132) }
```

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

```
.background{ background-color: rgb(163,  
162, 132) }
```

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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