

Converting Colors

$Yxy(33.5918, 0.3419, 0.3675)$

Have a look what the booklet for
Yxy(33.5918, 0.3419, 0.3675)
contains.

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Color

Yxy(33.5664, 0.3422, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	A39D84
RGB	163, 157, 132
RGB Percent	64%, 62%, 52%
CMY	0.3606, 0.3843, 0.4823
CMYK	0.00, 0.04, 0.19, 0.36
HSL	48°, 14%, 58%
HSV	48°, 19%, 64%
XYZ	31.3323, 33.5664, 26.6627
YIQ	155.9440, 11.6010, -6.5030

Conversions

Conversions Part 2

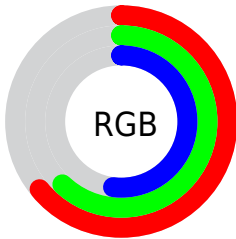
Format	Color
RYB	139, 163, 132
Decimal	10722692
CIELab	64.62, -2.09, 13.87
CIElCh	65, 14.026, 98.560
Yxy	33.5664, 0.3422, 0.3666
Android (android.graphics.Color)	4288912772 (0xFFA39D84)
YUV	155.9440, -11.8044, 6.1881
Hunter-Lab	57.9365, -4.8554, 13.2700

Details

The Yxy color **33.5664, 0.3422, 0.3666** is a light color, and the websafe version is hex **999999**. A complement of this color would be **25.7468, 0.2826, 0.2884**, and the grayscale version is **33.2723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9967, 0.3365, 0.3587**, and **14.2968, 0.3522, 0.3805** is the 20% darker color. If you saturate the color by 10%, you get **32.0948, 0.3590, 0.3870**, and if you desaturate by 10%, it is **35.1387, 0.3262, 0.3465**.

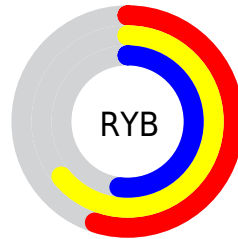
Distribution



Red (64%)

Green (62%)

Blue (52%)



Red (55%)

Yellow (64%)

Blue (52%)

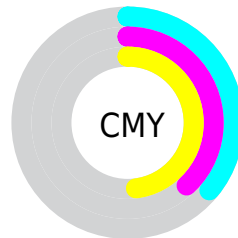


Cyan (0%)

Magenta (4%)

Yellow (19%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.5664, 0.3422, 0.3666 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 33.5664, 0.3422, 0.3666 by changing the saturation by 10% instead.

■ 33.5664, 0.3422,
0.3666

■ 33.5664, 0.3422,
0.3666

318.1943, 0.3267,
0.3467

■ 22.5607, 0.3463,
0.3719

■ 65.2588, 0.3364,
0.3591

■ 14.2695, 0.3517,
0.3790

■ 86.7143, 0.3343,
0.3564

■ 8.3083, 0.3591,
0.3889

■ 112.4219, 0.3325,
0.3541

■ 4.2929, 0.3699,
0.4035

142.7659, 0.3310,
0.3521

■ 1.8387, 0.3877,
0.4279

178.1307, 0.3297,
0.3505

■ 0.5111, 0.4597,
0.5403

218.9008, 0.3286,

■ 0.0000, 0.0000,

0.3491

0.0000

265.4605, 0.3276,
0.3478

■ 33.5664, 0.3422,
0.3666

■ 33.5664, 0.3422,
0.3666

■ 32.0948, 0.3590,
0.3870

■ 35.1387, 0.3262,
0.3465

■ 30.7160, 0.3763,
0.4071

■ 36.8105, 0.3113,
0.3272

■ 29.4278, 0.3936,
0.4261

■ 38.5862, 0.2976,
0.3089

■ 28.2261, 0.4102,
0.4430

■ 40.4688, 0.2851,
0.2918

■ 27.1066, 0.4255,
0.4569

■ 42.4611, 0.2737,
0.2760

■ 26.0642, 0.4386,
0.4670

■ 44.5656, 0.2635,
0.2615

■ 25.0931, 0.4492,
0.4726

■ 46.7850, 0.2543,
0.2482

■ 24.1820, 0.4573,
0.4743

■ 48.6328, 0.2499,
0.2432

■ 24.0951, 0.4581,
0.4745

■ 49.9526, 0.2505,
0.2471

Harmonies

Analogous

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



33.5664, 0.3543, 0.3567



33.5664, 0.3422, 0.3666



33.5664, 0.3224, 0.3661

Triad

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



33.5664, 0.3422, 0.3666



33.5664, 0.2723, 0.3154



33.5664, 0.3241, 0.3053

Complementary

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



33.5664, 0.3422, 0.3666



25.7468, 0.2826, 0.2884

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.



33.5664, 0.3019, 0.2949



33.5664, 0.3422, 0.3666



33.5664, 0.2726, 0.2999

Square

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



33.5664, 0.3422, 0.3666



33.5664, 0.2823, 0.3356



33.5664, 0.2833, 0.2927



33.5664, 0.3438, 0.3216

Rectangle

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



33.5664, 0.3422, 0.3666



33.5664, 0.3076, 0.3595



33.5664, 0.2833, 0.2927



33.5664, 0.3167, 0.3010

Sweetspot

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



33.5679, 0.3422, 0.3666



63.7535, 0.3218, 0.3408



26.1386, 0.3419, 0.3195



14.2783, 0.3227, 0.3420



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.



33.5679, 0.3422, 0.3666



58.9068, 0.3495, 0.3756



34.7172, 0.3313, 0.3766



8.0016, 0.3266, 0.3470



18.7808, 0.4577, 0.4748



0.4513, 0.4416, 0.4876

Inverse Universe

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



25.7468, 0.2826, 0.2884



42.1981, 0.2749, 0.2777



24.8435, 0.2916, 0.2796



7.0731, 0.2987, 0.3104



2.9010, 0.1559, 0.0814



0.1187, 0.1723, 0.1404

Previews

White Background



This preview shows how the Yxy color 33.5664, 0.3422, 0.3666 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 33.5664, 0.3422, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

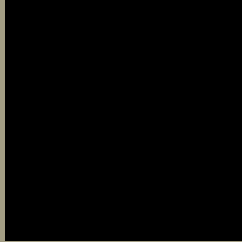
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

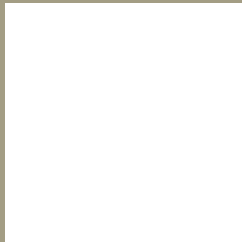
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.5664, 0.3422, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 33.5664, 0.3422, 0.3666.



This preview shows how white text looks on a background with the Yxy color 33.5664, 0.3422, 0.3666.

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

33.5664, 0.3422, 0.3666

Protanopia

33.4422, 0.3445, 0.3650

Deuteranopia

33.5300, 0.3610, 0.3548



Tritanopia

33.3523, 0.3165, 0.3117

Trichromacy



Original Color

33.5664, 0.3422, 0.3666

Protanomaly

33.3354, 0.3435, 0.3651

Deuteranomaly

33.4746, 0.3539, 0.3582

Tritanomaly

33.4852, 0.3267, 0.3320

Monochromacy



Original Color

33.5664, 0.3422, 0.3666

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.2544, 0.3240, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5664, 0.3422, 0.3666 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, 157, 132)` looks like.

```
.text, #text, p{  
    color:rgb(163, 157, 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, 157, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 157, 132) }
```

Border

The CSS property to change the border of an element to Yxy 33.5664, 0.3422, 0.3666 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, 157, 132) }
```

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

```
.border{ border-color:rgb(163, 157, 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, 157, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 157, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 157, 132);  
box-shadow:4px 4px 4px 4px rgb(163, 157,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5664, 0.3422, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 157, 132) }
```

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

```
.background{ background-color: rgb(163,  
157, 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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