

Converting Colors

$Yxy(34.0854, 0.3455, 0.3602)$

Have a look what the booklet for
Yxy(34.0854, 0.3455, 0.3602)
contains.

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Color

Yxy(33.9612, 0.3458, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	A99C87
RGB	169, 156, 135
RGB Percent	66%, 61%, 53%
CMY	0.3373, 0.3882, 0.4706
CMYK	0.00, 0.08, 0.20, 0.34
HSL	37°, 17%, 60%
HSV	37°, 20%, 66%
XYZ	32.6216, 33.9612, 27.7538
YIQ	157.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

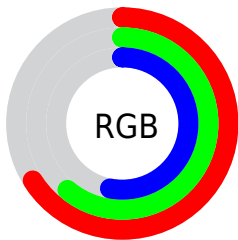
Format	Color
RYB	156, 169, 135
Decimal	11115655
CIELab	64.93, 1.23, 12.73
CIELCh	65, 12.787, 84.482
Yxy	33.9612, 0.3458, 0.3600
Android (android.graphics.Color)	4289305735 (0xFFA99C87)
YUV	157.4930, -11.0890, 10.0916
Hunter-Lab	58.2762, -2.0635, 12.5567

Details

The Yxy color **33.9612, 0.3458, 0.3600** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1858, 0.2812, 0.2959**, and the grayscale version is **33.9967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5713, 0.3392, 0.3538**, and **14.5409, 0.3576, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **31.4154, 0.3649, 0.3762**, and if you desaturate by 10%, it is **36.7007, 0.3285, 0.3442**.

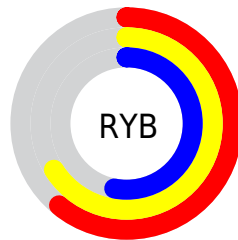
Distribution



Red (66%)

Green (61%)

Blue (53%)



Red (61%)

Yellow (66%)

Blue (53%)

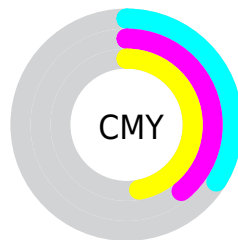


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (34%)



Cyan (34%)


Magenta (39%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9612, 0.3458, 0.3600 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 33.9612, 0.3458, 0.3600 by changing the saturation by 10% instead.


 33.9612, 0.3458,
0.3600


 33.9612, 0.3458,
0.3600


319.9590, 0.3284,
0.3438

 22.8638, 0.3504,
0.3643


 65.8733, 0.3392,
0.3539

 14.4930, 0.3566,
0.3700


 87.4568, 0.3369,
0.3517

 8.4643, 0.3651,
0.3778


 113.3045, 0.3349,
0.3498

 4.3935, 0.3776,
0.3891

143.8007, 0.3332,
0.3482

 1.8960, 0.3976,
0.4070

179.3299, 0.3317,
0.3469

 0.5460, 0.5014,
0.4986

220.2764, 0.3305,

 0.0000, 0.0000,

0.3457

0.0000

267.0246, 0.3293,
0.3447

■ 33.9612, 0.3458,
0.3600

■ 33.9612, 0.3458,
0.3600

■ 31.4154, 0.3649,
0.3762

■ 36.7007, 0.3285,
0.3442

■ 29.0533, 0.3855,
0.3922

■ 39.6344, 0.3129,
0.3292

■ 26.8709, 0.4074,
0.4074

■ 42.7685, 0.2990,
0.3150

■ 24.8620, 0.4298,
0.4208

■ 46.1077, 0.2867,
0.3019

■ 23.0202, 0.4518,
0.4312

■ 49.6564, 0.2758,
0.2898

■ 21.3381, 0.4724,
0.4376

■ 53.4190, 0.2661,
0.2787

■ 19.8076, 0.4905,
0.4391

■ 57.3994, 0.2575,
0.2685

■ 18.4284, 0.5059,
0.4365

■ 60.5848, 0.2576,
0.2744

■ 63.7882, 0.2586,
0.2821

Harmonies

Analogous

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



33.9612, 0.3521, 0.3478



33.9612, 0.3458, 0.3600



33.9612, 0.3306, 0.3641

Triad

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



33.9612, 0.3458, 0.3600



33.9612, 0.2791, 0.3251



33.9612, 0.3136, 0.3021

Complementary

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



33.9612, 0.3458, 0.3600



29.1858, 0.2812, 0.2959

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.



33.9612, 0.2943, 0.2959



33.9612, 0.3458, 0.3600



33.9612, 0.2748, 0.3084

Square

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



33.9612, 0.3458, 0.3600



33.9612, 0.2921, 0.3436



33.9612, 0.2803, 0.2980



33.9612, 0.3332, 0.3148

Rectangle

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



33.9612, 0.3458, 0.3600



33.9612, 0.3176, 0.3613



33.9612, 0.2803, 0.2980



33.9612, 0.3069, 0.2992

Sweetspot

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



33.9627, 0.3458, 0.3600



67.8027, 0.3220, 0.3381



27.8984, 0.3371, 0.3097



14.7083, 0.3230, 0.3390



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.



33.9627, 0.3458, 0.3600



58.8250, 0.3538, 0.3670



38.1232, 0.3385, 0.3786



8.2854, 0.3271, 0.3429



13.8421, 0.5047, 0.4374



0.4309, 0.4701, 0.4650

Inverse Universe

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



29.1858, 0.2812, 0.2959



48.7504, 0.2741, 0.2879



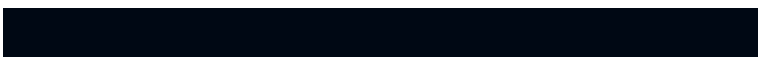
25.6751, 0.2839, 0.2754



7.7526, 0.2986, 0.3147



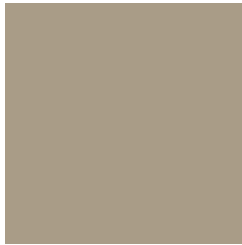
5.0093, 0.1678, 0.1241



0.2210, 0.1869, 0.1926

Previews

White Background



This preview shows how the Yxy color 33.9612, 0.3458, 0.3600 looks on a white background.

Color Contrast Check

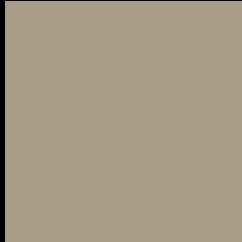
Large Text (above 18pt) WCAG AA × Fail

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 33.9612, 0.3458, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

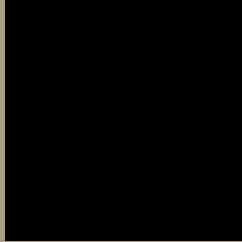
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9612, 0.3458, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 33.9612, 0.3458, 0.3600.



This preview shows how white text looks on a background with the Yxy color 33.9612, 0.3458, 0.3600.

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

33.9612, 0.3458, 0.3600

Protanopia

33.8908, 0.3404, 0.3603

Deuteranopia

34.0578, 0.3587, 0.3518



Tritanopia

34.0210, 0.3225, 0.3121

Trichromacy



Original Color

33.9612, 0.3458, 0.3600

Protanomaly

33.9985, 0.3415, 0.3602

Deuteranomaly

33.9072, 0.3541, 0.3535

Tritanomaly

33.8530, 0.3320, 0.3291

Monochromacy



Original Color

33.9612, 0.3458, 0.3600

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.8609, 0.3240, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9612, 0.3458, 0.3600 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(169, 156, 135)` looks like.

```
.text, #text, p{  
    color:rgb(169, 156, 135)  
}
```

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(169, 156, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 156, 135) }
```

Border

The CSS property to change the border of an element to Yxy 33.9612, 0.3458, 0.3600 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(169, 156, 135) }
```

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

```
.border{ border-color:rgb(169, 156, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 156, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 156, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 156, 135);  
box-shadow:4px 4px 4px 4px rgb(169, 156,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9612, 0.3458, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 156, 135) }
```

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

```
.background{ background-color: rgb(169,  
156, 135) }
```

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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