

Converting Colors

$Yxy(34.3193, 0.3407, 0.3656)$

Have a look what the booklet for
Yxy(34.3193, 0.3407, 0.3656)
contains.

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Color

Yxy(34.4100, 0.3408, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	A49F86
RGB	164, 159, 134
RGB Percent	64%, 62%, 53%
CMY	0.3568, 0.3765, 0.4744
CMYK	0.00, 0.03, 0.18, 0.36
HSL	50°, 14%, 58%
HSV	50°, 18%, 64%
XYZ	32.0145, 34.4100, 27.5148
YIQ	157.6450, 11.0050, -6.7150

Conversions

Conversions Part 2

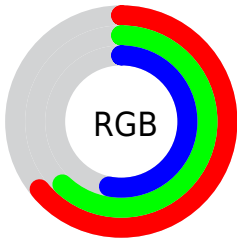
Format	Color
RYB	140, 164, 134
Decimal	10788742
CIELab	65.29, -2.49, 13.71
CIELCh	65, 13.929, 100.279
Yxy	34.4100, 0.3408, 0.3663
Android (android.graphics.Color)	4288978822 (0xFFA49F86)
YUV	157.6450, -11.6570, 5.5733
Hunter-Lab	58.6600, -5.2362, 13.2517

Details

The Yxy color **34.4100, 0.3408, 0.3663** is a light color, and the websafe version is hex **999999**. A complement of this color would be **26.2269, 0.2838, 0.2887**, and the grayscale version is **34.0750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7411, 0.3353, 0.3596**, and **14.8100, 0.3500, 0.3799** is the 20% darker color. If you saturate the color by 10%, you get **33.0552, 0.3573, 0.3873**, and if you desaturate by 10%, it is **35.8598, 0.3250, 0.3456**.

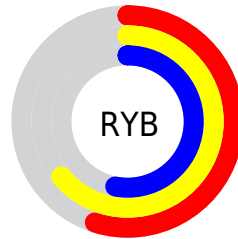
Distribution



Red (64%)

Green (62%)

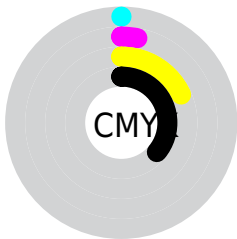
Blue (53%)



Red (55%)

Yellow (64%)

Blue (53%)

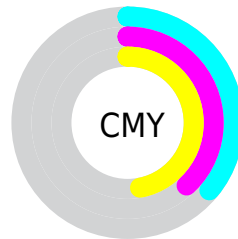


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (36%)



Cyan (36%)


Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4100, 0.3408, 0.3663 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 34.4100, 0.3408, 0.3663 by changing the saturation by 10% instead.

 34.4100, 0.3408,
0.3663


 34.4100, 0.3408,
0.3663


321.9564, 0.3261,
0.3466


 23.2087, 0.3447,
0.3716

 66.5707, 0.3353,
0.3589

 14.7477, 0.3497,
0.3786


 88.2990, 0.3333,
0.3562

 8.6425, 0.3567,
0.3882


 114.3051, 0.3316,
0.3539

 4.5088, 0.3668,
0.4025

144.9734, 0.3302,
0.3520

 1.9620, 0.3826,
0.4256

180.6883, 0.3290,
0.3504

 0.5853, 0.4585,
0.5415

221.8341, 0.3279,

 0.0000, 0.0000,

0.3490

0.0000

268.7954, 0.3270,
0.3477

■ 34.4100, 0.3408,
0.3663

■ 34.4100, 0.3408,
0.3663

■ 33.0552, 0.3573,
0.3873

■ 35.8598, 0.3250,
0.3456

■ 31.7875, 0.3742,
0.4080

■ 37.4031, 0.3103,
0.3257

■ 30.6047, 0.3909,
0.4276

■ 39.0447, 0.2966,
0.3068

■ 29.5028, 0.4068,
0.4452

■ 40.7872, 0.2841,
0.2892

■ 28.4775, 0.4213,
0.4597

■ 42.6334, 0.2727,
0.2729

■ 27.5237, 0.4337,
0.4704

■ 44.5859, 0.2625,
0.2580

■ 26.6359, 0.4435,
0.4767

■ 46.6472, 0.2532,
0.2443

■ 25.8038, 0.4508,
0.4790

■ 48.1430, 0.2503,
0.2416

■ 25.6645, 0.4520,
0.4793

■ 49.2697, 0.2507,
0.2449

Harmonies

Analogous

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



34.4100, 0.3533, 0.3571



34.4100, 0.3408, 0.3663



34.4100, 0.3210, 0.3652

Triad

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



34.4100, 0.3408, 0.3663



34.4100, 0.2726, 0.3146



34.4100, 0.3252, 0.3064

Complementary

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



34.4100, 0.3408, 0.3663



26.2269, 0.2838, 0.2887

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.



34.4100, 0.3033, 0.2957



34.4100, 0.3408, 0.3663



34.4100, 0.2735, 0.2997

Square

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



34.4100, 0.3408, 0.3663



34.4100, 0.2819, 0.3343



34.4100, 0.2846, 0.2931



34.4100, 0.3442, 0.3228

Rectangle

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



34.4100, 0.3408, 0.3663



34.4100, 0.3065, 0.3583



34.4100, 0.2846, 0.2931



34.4100, 0.3179, 0.3021

Sweetspot

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



34.4115, 0.3408, 0.3663



65.9526, 0.3202, 0.3391



26.8288, 0.3411, 0.3207



14.3784, 0.3212, 0.3405



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.



34.4115, 0.3408, 0.3663



61.4135, 0.3475, 0.3750



35.1997, 0.3301, 0.3747



8.0346, 0.3265, 0.3476



19.7334, 0.4516, 0.4796



0.4650, 0.4382, 0.4903

Inverse Universe

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



26.2269, 0.2838, 0.2887



43.7338, 0.2765, 0.2784



25.6221, 0.2930, 0.2817



7.0426, 0.2987, 0.3097



2.7217, 0.1547, 0.0770



0.1080, 0.1696, 0.1305

Previews

White Background



This preview shows how the Yxy color 34.4100, 0.3408, 0.3663 looks on a white background.

Color Contrast Check

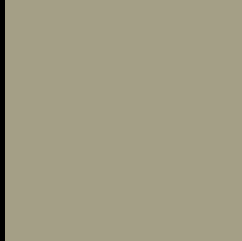
Large Text (above 18pt) WCAG AA × Fail

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 34.4100, 0.3408, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

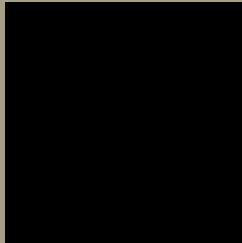
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

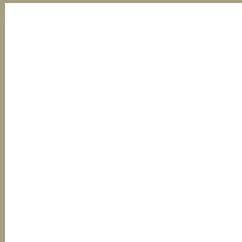
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.4100, 0.3408, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 34.4100, 0.3408, 0.3663.



This preview shows how white text looks on a background with the Yxy color 34.4100, 0.3408, 0.3663.

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

34.4100, 0.3408, 0.3663

Protanopia

34.3904, 0.3441, 0.3645

Deuteranopia

34.1508, 0.3608, 0.3531



Tritanopia

34.2261, 0.3146, 0.3105

Trichromacy



Original Color

34.4100, 0.3408, 0.3663

Protanomaly

34.2819, 0.3431, 0.3647

Deuteranomaly

34.3059, 0.3524, 0.3579

Tritanomaly

34.3590, 0.3245, 0.3305

Monochromacy



Original Color

34.4100, 0.3408, 0.3663

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.0972, 0.3229, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4100, 0.3408, 0.3663 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(164, 159, 134)` looks like.

```
.text, #text, p{  
    color:rgb(164, 159, 134)  
}
```

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(164, 159, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 159, 134) }
```

Border

The CSS property to change the border of an element to Yxy 34.4100, 0.3408, 0.3663 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(164, 159, 134) }
```

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

```
.border{ border-color:rgb(164, 159, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 159, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 159, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 159, 134);  
box-shadow:4px 4px 4px 4px rgb(164, 159,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4100, 0.3408, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 159, 134) }
```

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

```
.background{ background-color: rgb(164,  
159, 134) }
```

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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