

Converting Colors

Yxy(34.1312, 0.3388, 0.3508)

Have a look what the booklet for
Yxy(34.1312, 0.3388, 0.3508)
contains.

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Color

Yxy(34.0249, 0.3389, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	A89C8D
RGB	168, 156, 141
RGB Percent	66%, 61%, 55%
CMY	0.3412, 0.3882, 0.4470
CMYK	0.00, 0.07, 0.16, 0.34
HSL	33°, 13%, 61%
HSV	33°, 16%, 66%
XYZ	32.8426, 34.0249, 30.0419
YIQ	157.8780, 11.9670, -2.1210

Conversions

Conversions Part 2

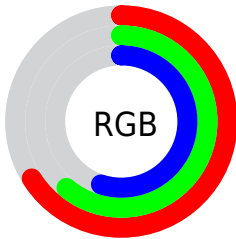
Format	Color
RYB	163, 168, 141
Decimal	11050125
CIELab	64.98, 1.80, 9.42
CIElCh	65, 9.593, 79.183
Yxy	34.0249, 0.3389, 0.3511
Android (android.graphics.Color)	4289240205 (0xFFA89C8D)
YUV	157.8780, -8.3209, 8.8770
Hunter-Lab	58.3309, -1.5764, 10.2957

Details

The Yxy color **34.0249, 0.3389, 0.3511** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2697, 0.2880, 0.3059**, and the grayscale version is **34.1684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7213, 0.3333, 0.3459**, and **14.5715, 0.3477, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **31.1366, 0.3579, 0.3656**, and if you desaturate by 10%, it is **37.1458, 0.3220, 0.3371**.

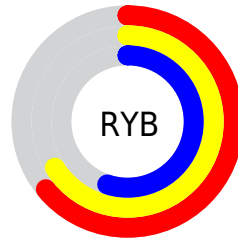
Distribution



Red (66%)

Green (61%)

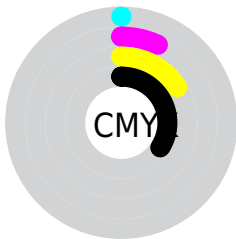
Blue (55%)



Red (64%)

Yellow (66%)

Blue (55%)

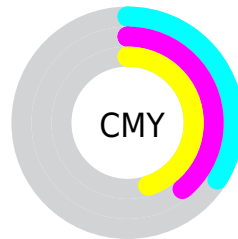


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (34%)



Cyan (34%)


Magenta (39%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0249, 0.3389, 0.3511 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 34.0249, 0.3389, 0.3511 by changing the saturation by 10% instead.


 34.0249, 0.3389,
0.3511


 34.0249, 0.3389,
0.3511


320.2431, 0.3251,
0.3395


 22.9127, 0.3426,
0.3542


 65.9724, 0.3337,
0.3468

 14.5291, 0.3475,
0.3582


 87.5765, 0.3318,
0.3452

 8.4896, 0.3543,
0.3638


 113.4467, 0.3302,
0.3439

 4.4098, 0.3644,
0.3719

143.9674, 0.3289,
0.3427

 1.9053, 0.3809,
0.3849

179.5230, 0.3277,
0.3418

 0.5516, 0.5074,
0.4926

220.4979, 0.3267,

 0.0000, 0.0000,

0.3409

0.0000

267.2764, 0.3259,
0.3402

■ 34.0249, 0.3389,
0.3511

■ 34.0249, 0.3389,
0.3511

■ 31.1366, 0.3579,
0.3656

■ 37.1458, 0.3220,
0.3371

■ 28.4702, 0.3788,
0.3803

■ 40.5007, 0.3070,
0.3239

■ 26.0207, 0.4017,
0.3945

■ 44.0966, 0.2939,
0.3116

■ 23.7814, 0.4259,
0.4074

■ 47.9390, 0.2823,
0.3002

■ 21.7448, 0.4507,
0.4179

■ 52.0329, 0.2721,
0.2897

■ 19.9029, 0.4749,
0.4249

■ 56.3835, 0.2632,
0.2801

■ 18.2468, 0.4971,
0.4272

■ 60.7613, 0.2571,
0.2751

■ 16.7655, 0.5162,
0.4243

■ 64.4893, 0.2583,
0.2839

■ 16.2213, 0.5235,
0.4226

■ 68.3907, 0.2595,
0.2927

Harmonies

Analogous

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



34.0249, 0.3422, 0.3413



34.0249, 0.3389, 0.3511



34.0249, 0.3285, 0.3552

Triad

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



34.0249, 0.3389, 0.3511



34.0249, 0.2887, 0.3287



34.0249, 0.3108, 0.3074

Complementary

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



34.0249, 0.3389, 0.3511



31.2697, 0.2880, 0.3059

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.



34.0249, 0.2967, 0.3038



34.0249, 0.3389, 0.3511



34.0249, 0.2842, 0.3157

Square

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



34.0249, 0.3389, 0.3511



34.0249, 0.2996, 0.3421



34.0249, 0.2870, 0.3067



34.0249, 0.3257, 0.3164

Rectangle

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



34.0249, 0.3389, 0.3511



34.0249, 0.3191, 0.3539



34.0249, 0.2870, 0.3067



34.0249, 0.3058, 0.3055

Sweetspot

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



34.0264, 0.3389, 0.3511



67.9890, 0.3205, 0.3358



29.6825, 0.3295, 0.3112



14.7322, 0.3215, 0.3367



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.



34.0264, 0.3389, 0.3511



59.9862, 0.3449, 0.3559



38.0977, 0.3350, 0.3681



8.2080, 0.3272, 0.3416



12.3561, 0.5221, 0.4236



0.4002, 0.4800, 0.4571

Inverse Universe

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



31.2697, 0.2880, 0.3059



54.0920, 0.2827, 0.3006



27.6644, 0.2885, 0.2870



7.8283, 0.2987, 0.3161



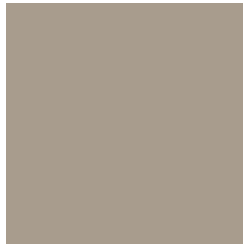
5.9928, 0.1730, 0.1427



0.2486, 0.1912, 0.2083

Previews

White Background



This preview shows how the Yxy color 34.0249, 0.3389, 0.3511 looks on a white background.

Color Contrast Check

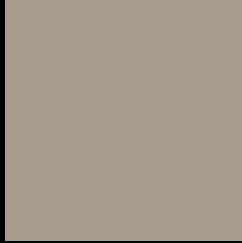
Large Text (above 18pt) WCAG AA × Fail

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 34.0249, 0.3389, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

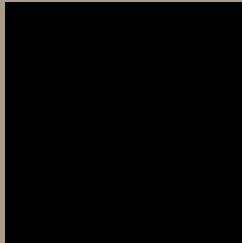
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0249, 0.3389, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 34.0249, 0.3389, 0.3511.



This preview shows how white text looks on a background with the Yxy color 34.0249, 0.3389, 0.3511.

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

34.0249, 0.3389, 0.3511

Protanopia

33.9594, 0.3337, 0.3513

Deuteranopia

33.9932, 0.3505, 0.3433



Tritanopia

34.1570, 0.3195, 0.3120

Trichromacy



Original Color

34.0249, 0.3389, 0.3511

Protanomaly

34.0663, 0.3347, 0.3513

Deuteranomaly

33.8494, 0.3460, 0.3449

Tritanomaly

34.0576, 0.3269, 0.3262

Monochromacy



Original Color

34.0249, 0.3389, 0.3511

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.0623, 0.3222, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0249, 0.3389, 0.3511 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, 156, 141)` looks like.

```
.text, #text, p{  
    color:rgb(168, 156, 141)  
}
```

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, 156, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 156, 141) }
```

Border

The CSS property to change the border of an element to Yxy 34.0249, 0.3389, 0.3511 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, 156, 141) }
```

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

```
.border{ border-color:rgb(168, 156, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 156, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 156, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 156, 141);  
box-shadow:4px 4px 4px 4px rgb(168, 156,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0249, 0.3389, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 156, 141) }
```

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

```
.background{ background-color: rgb(168,  
156, 141) }
```

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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