

Converting Colors

$Yxy(32.8976, 0.3488, 0.3589)$

Have a look what the booklet for
Yxy(32.8976, 0.3488, 0.3589)
contains.

Yxy(32.9109, 0.3486, 0.3587)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.9109, 0.3486, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	A99985
RGB	169, 153, 133
RGB Percent	66%, 60%, 52%
CMY	0.3373, 0.4000, 0.4784
CMYK	0.00, 0.09, 0.21, 0.34
HSL	33°, 17%, 59%
HSV	33°, 21%, 66%
XYZ	31.9842, 32.9109, 26.8554
YIQ	155.5040, 15.9560, -2.8280

Conversions

Conversions Part 2

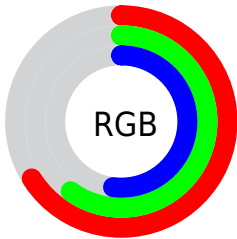
Format	Color
RYB	162, 169, 133
Decimal	11114885
CIELab	64.09, 2.57, 12.66
CIELCh	64, 12.916, 78.530
Yxy	32.9109, 0.3486, 0.3587
Android (android.graphics.Color)	4289304965 (0xFFA99985)
YUV	155.5040, -11.0945, 11.8360
Hunter-Lab	57.3680, -0.8755, 12.4025

Details

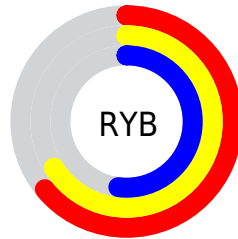
The Yxy color **32.9109, 0.3486, 0.3587** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3360, 0.2795, 0.2974**, and the grayscale version is **33.0581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1784, 0.3420, 0.3527**, and **13.9092, 0.3620, 0.3689** is the 20% darker color. If you saturate the color by 10%, you get **30.1032, 0.3686, 0.3734**, and if you desaturate by 10%, it is **35.9510, 0.3306, 0.3444**.

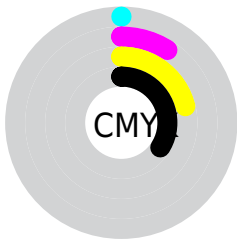
Distribution



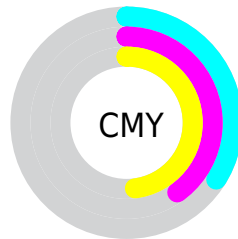
- Red (66%)
- Green (60%)
- Blue (52%)



- Red (64%)
- Yellow (66%)
- Blue (52%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (34%)





- Cyan (34%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9109, 0.3486, 0.3587 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 32.9109, 0.3486, 0.3587 by changing the saturation by 10% instead.

 32.9109, 0.3486,
0.3587


 32.9109, 0.3486,
0.3587


315.2481, 0.3296,
0.3431


 22.0582, 0.3537,
0.3628


 64.2364, 0.3414,
0.3529

 13.8997, 0.3605,
0.3683


 85.4780, 0.3388,
0.3507

 8.0509, 0.3700,
0.3757


 110.9513, 0.3366,
0.3489

 4.1275, 0.3840,
0.3866

141.0408, 0.3348,
0.3474

 1.7452, 0.4074,
0.4042

176.1308, 0.3332,
0.3461

 0.4526, 0.5213,
0.4787

216.6058, 0.3318,

 0.0000, 0.0000,

0.3450

0.0000

262.8500, 0.3306,
0.3440

■ 32.9109, 0.3486,
0.3587

■ 32.9109, 0.3486,
0.3587

■ 30.1032, 0.3686,
0.3734

■ 35.9510, 0.3306,
0.3444

■ 27.5172, 0.3907,
0.3879

■ 39.2253, 0.3146,
0.3307

■ 25.1476, 0.4143,
0.4016

■ 42.7410, 0.3006,
0.3179

■ 22.9871, 0.4389,
0.4134

■ 46.5037, 0.2882,
0.3060

■ 21.0279, 0.4636,
0.4221

■ 50.5188, 0.2773,
0.2951

■ 19.2615, 0.4869,
0.4267

■ 54.7914, 0.2677,
0.2850

■ 17.6782, 0.5076,
0.4263

■ 59.3266, 0.2593,
0.2758

■ 16.4342, 0.5235,
0.4226

■ 63.2506, 0.2585,
0.2809

■ 67.1123, 0.2596,
0.2897

Harmonies

Analogous

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



32.9109, 0.3529, 0.3450



32.9109, 0.3486, 0.3587



32.9109, 0.3345, 0.3648

Triad

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



32.9109, 0.3486, 0.3587



32.9109, 0.2804, 0.3288



32.9109, 0.3095, 0.2997

Complementary

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



32.9109, 0.3486, 0.3587



29.3360, 0.2795, 0.2974

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.



32.9109, 0.2905, 0.2950



32.9109, 0.3486, 0.3587



32.9109, 0.2741, 0.3110

Square

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



32.9109, 0.3486, 0.3587



32.9109, 0.2951, 0.3474



32.9109, 0.2778, 0.2989



32.9109, 0.3299, 0.3116

Rectangle

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



32.9109, 0.3486, 0.3587



32.9109, 0.3217, 0.3633



32.9109, 0.2778, 0.2989



32.9109, 0.3027, 0.2972

Sweetspot

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



32.9124, 0.3486, 0.3587



67.3897, 0.3221, 0.3372



27.3835, 0.3362, 0.3050



14.6096, 0.3231, 0.3380



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.



32.9124, 0.3486, 0.3587



56.3047, 0.3587, 0.3663



38.2991, 0.3424, 0.3812



8.2081, 0.3272, 0.3416



12.3589, 0.5221, 0.4236



0.4003, 0.4800, 0.4571

Inverse Universe

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



29.3360, 0.2795, 0.2974



48.6333, 0.2711, 0.2886



24.7722, 0.2795, 0.2715



7.8282, 0.2987, 0.3161



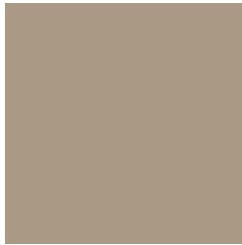
5.9907, 0.1730, 0.1426



0.2485, 0.1912, 0.2083

Previews

White Background



This preview shows how the Yxy color 32.9109, 0.3486, 0.3587 looks on a white background.

Color Contrast Check

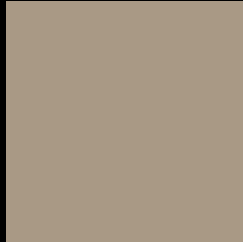
Large Text (above 18pt) WCAG AA × Fail

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 32.9109, 0.3486, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

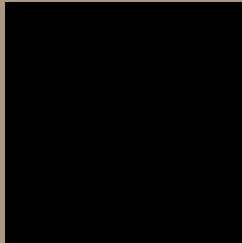
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9109, 0.3486, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 32.9109, 0.3486, 0.3587.



This preview shows how white text looks on a background with the Yxy color 32.9109, 0.3486, 0.3587.

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

32.9109, 0.3486, 0.3587

Protanopia

32.9505, 0.3408, 0.3607

Deuteranopia

32.9989, 0.3582, 0.3521



Tritanopia

32.8388, 0.3248, 0.3119

Trichromacy



Original Color

32.9109, 0.3486, 0.3587

Protanomaly

32.8318, 0.3431, 0.3590

Deuteranomaly

32.9684, 0.3546, 0.3538

Tritanomaly

32.7050, 0.3334, 0.3276

Monochromacy



Original Color

32.9109, 0.3486, 0.3587

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.1579, 0.3252, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9109, 0.3486, 0.3587 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, 153, 133)` looks like.

```
.text, #text, p{  
    color:rgb(169, 153, 133)  
}
```

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, 153, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 153, 133) }
```

Border

The CSS property to change the border of an element to Yxy 32.9109, 0.3486, 0.3587 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, 153, 133) }
```

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

```
.border{ border-color:rgb(169, 153, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 153, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 153, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 153, 133);  
box-shadow:4px 4px 4px 4px rgb(169, 153,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9109, 0.3486, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 153, 133) }
```

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

```
.background{ background-color: rgb(169,  
153, 133) }
```

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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