

Converting Colors

$Yxy(30.9987, 0.3544, 0.3438)$

Have a look what the booklet for
Yxy(30.9987, 0.3544, 0.3438)
contains.

Yxy(30.9987, 0.3544, 0.3438)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.9987, 0.3544, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	AE9187
RGB	174, 145, 135
RGB Percent	68%, 57%, 53%
CMY	0.3176, 0.4314, 0.4707
CMYK	0.00, 0.17, 0.22, 0.32
HSL	15°, 19%, 61%
HSV	15°, 22%, 68%
XYZ	31.9544, 30.9987, 27.2118
YIQ	152.5310, 20.4940, 3.0380

Conversions

Conversions Part 2

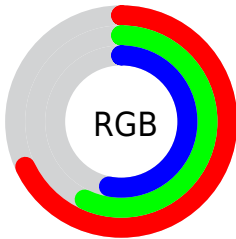
Format	Color
RYB	174, 148, 135
Decimal	11440519
CIELab	62.51, 9.28, 9.38
CIELCh	63, 13.193, 45.300
Yxy	30.9987, 0.3544, 0.3438
Android (android.graphics.Color)	4289630599 (0xFFAE9187)
YUV	152.5310, -8.6428, 18.8283
Hunter-Lab	55.6765, 5.0128, 9.9957

Details

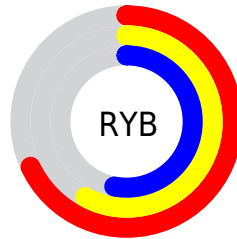
The Yxy color **30.9987, 0.3544, 0.3438** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.7508, 0.2789, 0.3137**, and the grayscale version is **31.6729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3007, 0.3460, 0.3414**, and **12.9052, 0.3691, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **26.8196, 0.3789, 0.3509**, and if you desaturate by 10%, it is **35.7106, 0.3338, 0.3370**.

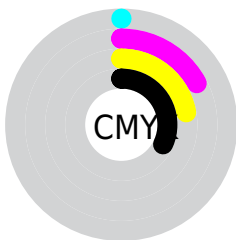
Distribution



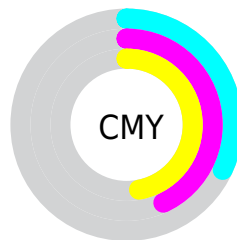
- Red (68%)
- Green (57%)
- Blue (53%)



- Red (68%)
- Yellow (58%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (32%)





- Cyan (32%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9987, 0.3544, 0.3438 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 30.9987, 0.3544, 0.3438 by changing the saturation by 10% instead.


 30.9987, 0.3544,
0.3438


 30.9987, 0.3544,
0.3438


306.5323, 0.3320,
0.3362

 20.5979, 0.3606,
0.3457


 61.2380, 0.3458,
0.3410

 12.8304, 0.3689,
0.3482

 81.8453, 0.3428,
0.3400

 7.3118, 0.3806,
0.3515


 106.6235, 0.3402,
0.3391

 3.6579, 0.3984,
0.3561

135.9570, 0.3380,
0.3384

 1.4841, 0.4290,
0.3628

170.2303, 0.3362,
0.3377

 0.2775, 0.6386,
0.3614

209.8277, 0.3346,

 0.0000, 0.0000,

0.3372

0.0000

255.1335, 0.3332,
0.3367

■ 30.9987, 0.3544,
0.3438

■ 30.9987, 0.3544,
0.3438

■ 26.8196, 0.3789,
0.3509

■ 35.7106, 0.3338,
0.3370

■ 23.1503, 0.4077,
0.3578

■ 40.9689, 0.3165,
0.3305

■ 19.9719, 0.4407,
0.3639

■ 46.7923, 0.3020,
0.3245

■ 17.2632, 0.4774,
0.3686

■ 53.1970, 0.2899,
0.3190

■ 15.0010, 0.5160,
0.3706

■ 60.1986, 0.2796,
0.3140

■ 13.1602, 0.5533,
0.3691

■ 67.8122, 0.2710,
0.3095

■ 11.7128, 0.5854,
0.3633

■ 75.9368, 0.2645,
0.3073

■ 10.8535, 0.6055,
0.3574

■ 83.6349, 0.2663,
0.3217

■ 87.7399, 0.2671,
0.3289

Harmonies

Analogous

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



30.9987, 0.3460, 0.3259



30.9987, 0.3544, 0.3438



30.9987, 0.3511, 0.3587

Triad

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



30.9987, 0.3544, 0.3438



30.9987, 0.2964, 0.3500



30.9987, 0.2878, 0.2936

Complementary

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



30.9987, 0.3544, 0.3438



34.7508, 0.2789, 0.3137

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.



30.9987, 0.2754, 0.2986



30.9987, 0.3544, 0.3438



30.9987, 0.2803, 0.3309

Square

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



30.9987, 0.3544, 0.3438



30.9987, 0.3173, 0.3632



30.9987, 0.2728, 0.3120



30.9987, 0.3070, 0.2976

Rectangle

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



30.9987, 0.3544, 0.3438



30.9987, 0.3429, 0.3647



30.9987, 0.2728, 0.3120



30.9987, 0.2827, 0.2943

Sweetspot

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



31.0001, 0.3544, 0.3438



69.7033, 0.3242, 0.3335



29.0108, 0.3253, 0.2873



15.3695, 0.3252, 0.3338



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0001, 0.3544, 0.3438



52.2797, 0.3662, 0.3474



37.3898, 0.3487, 0.3709



8.3373, 0.3280, 0.3349



7.9545, 0.6036, 0.3590



0.3095, 0.5451, 0.4054

Inverse Universe

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



34.7508, 0.2789, 0.3137



60.3085, 0.2716, 0.3098



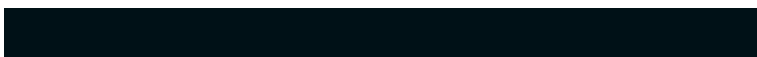
28.3753, 0.2767, 0.2833



8.7185, 0.2986, 0.3230



13.7622, 0.2014, 0.2450



0.4643, 0.2093, 0.2733

Previews

White Background



This preview shows how the Yxy color 30.9987, 0.3544, 0.3438 looks on a white background.

Color Contrast Check

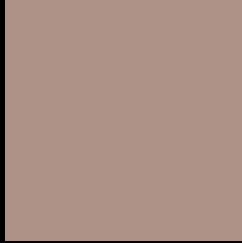
Large Text (above 18pt) WCAG AA × Fail

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 30.9987, 0.3544, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

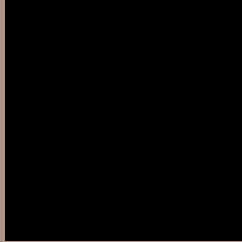
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9987, 0.3544, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 30.9987, 0.3544, 0.3438.



This preview shows how white text looks on a background with the Yxy color 30.9987, 0.3544, 0.3438.

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

30.9987, 0.3544, 0.3438

Protanopia

31.1363, 0.3314, 0.3491

Deuteranopia

31.0777, 0.3519, 0.3453



Tritanopia

30.8760, 0.3382, 0.3133

Trichromacy



Original Color

30.9987, 0.3544, 0.3438

Protanomaly

31.0876, 0.3392, 0.3473

Deuteranomaly

31.1913, 0.3530, 0.3453

Tritanomaly

30.8342, 0.3443, 0.3248

Monochromacy



Original Color

30.9987, 0.3544, 0.3438

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4651, 0.3279, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9987, 0.3544, 0.3438 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(174, 145, 135)` looks like.

```
.text, #text, p{  
    color:rgb(174, 145, 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(174, 145, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 145, 135) }
```

Border

The CSS property to change the border of an element to Yxy 30.9987, 0.3544, 0.3438 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(174, 145, 135) }
```

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

```
.border{ border-color:rgb(174, 145, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 145, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 145, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 145, 135);  
box-shadow:4px 4px 4px 4px rgb(174, 145,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9987, 0.3544, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 145, 135) }
```

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

```
.background{ background-color: rgb(174,  
145, 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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