

Converting Colors

$Y_{xy}(26.8431, 0.3564, 0.3398)$

Have a look what the booklet for
Yxy(26.8431, 0.3564, 0.3398)
contains.

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Color

Yxy(26.9934, 0.3562, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	A68780
RGB	166, 135, 128
RGB Percent	65%, 53%, 50%
CMY	0.3489, 0.4706, 0.4981
CMYK	0.00, 0.19, 0.23, 0.35
HSL	11°, 18%, 58%
HSV	11°, 23%, 65%
XYZ	28.2879, 26.9934, 24.1344
YIQ	143.4710, 20.7230, 4.3950

Conversions

Conversions Part 2

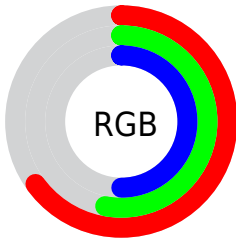
Format	Color
RYB	166, 137, 128
Decimal	10913664
CIELab	58.97, 10.69, 8.22
CIElCh	59, 13.483, 37.549
Yxy	26.9934, 0.3562, 0.3399
Android (android.graphics.Color)	4289103744 (0xFFA68780)
YUV	143.4710, -7.6272, 19.7579
Hunter-Lab	51.9552, 6.2658, 8.8270

Details

The Yxy color $26.9934, 0.3562, 0.3399$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $32.1380, 0.2787, 0.3178$, and the grayscale version is $27.6919, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.8322, 0.3471, 0.3372$, and $10.5722, 0.3715, 0.3424$ is the 20% darker color. If you saturate the color by 10%, you get $23.0519, 0.3818, 0.3450$, and if you desaturate by 10%, it is $31.4894, 0.3349, 0.3350$.

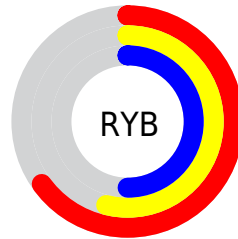
Distribution



Red (65%)

Green (53%)

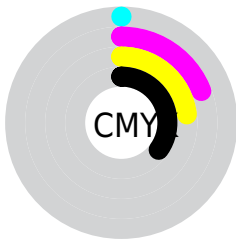
Blue (50%)



Red (65%)

Yellow (54%)

Blue (50%)

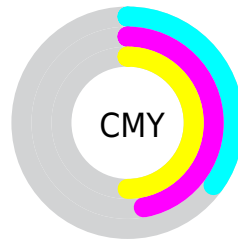


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9934, 0.3562, 0.3399 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 26.9934, 0.3562, 0.3399 by changing the saturation by 10% instead.


 26.9934, 0.3562,
0.3399

 26.9934, 0.3562,
0.3399


287.6252, 0.3323,
0.3343


 17.5683, 0.3630,
0.3413


 54.8733, 0.3469,
0.3379

 10.6405, 0.3723,
0.3431


 74.0968, 0.3436,
0.3371

 5.8256, 0.3857,
0.3455

 97.3553, 0.3409,
0.3364

 2.7393, 0.4069,
0.3486

125.0330, 0.3386,
0.3359

 0.9972, 0.4558,
0.3609

157.5145, 0.3367,
0.3354

 0.0000, 1.0000,
0.0000


195.1841, 0.3350,


 0.0000, 0.0000,


0.3350


0.0000

238.4262, 0.3336,
0.3346


 26.9934, 0.3562,
0.3399


 26.9934, 0.3562,
0.3399


 23.0519, 0.3818,
0.3450


 31.4894, 0.3349,
0.3350


 19.6397, 0.4123,
0.3499


 36.5563, 0.3173,
0.3303


 16.7352, 0.4477,
0.3543

 42.2148, 0.3027,
0.3260

 14.3138, 0.4872,
0.3573

 48.4830, 0.2906,
0.3220

 12.3489, 0.5287,
0.3581

 55.3786, 0.2805,
0.3185

■ 10.8112, 0.5682,
0.3561

■ 62.9183, 0.2720,
0.3152

■ 9.6679, 0.6009,
0.3508

■ 71.1183, 0.2649,
0.3123

■ 9.0698, 0.6193,
0.3465

■ 79.6154, 0.2616,
0.3159

■ 86.8490, 0.2633,
0.3289

Harmonies

Analogous

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



26.9934, 0.3442, 0.3207



26.9934, 0.3562, 0.3399



26.9934, 0.3560, 0.3572

Triad

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



26.9934, 0.3562, 0.3399



26.9934, 0.3008, 0.3561



26.9934, 0.2818, 0.2916

Complementary

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



26.9934, 0.3562, 0.3399



32.1380, 0.2787, 0.3178

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.



26.9934, 0.2711, 0.2993



26.9934, 0.3562, 0.3399



26.9934, 0.2818, 0.3365

Square

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



26.9934, 0.3562, 0.3399



26.9934, 0.3234, 0.3676



26.9934, 0.2711, 0.3155



26.9934, 0.3008, 0.2935

Rectangle

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



26.9934, 0.3562, 0.3399



26.9934, 0.3490, 0.3652



26.9934, 0.2711, 0.3155



26.9934, 0.2771, 0.2931

Sweetspot

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



26.9946, 0.3562, 0.3399



62.3228, 0.3243, 0.3322



26.0471, 0.3228, 0.2830



13.8304, 0.3253, 0.3325



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.



26.9946, 0.3562, 0.3399



45.5751, 0.3674, 0.3422



32.7694, 0.3501, 0.3680



7.7580, 0.3281, 0.3332



7.0837, 0.6179, 0.3476



0.2347, 0.5629, 0.3913

Inverse Universe

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



32.1380, 0.2787, 0.3178



56.4087, 0.2722, 0.3153



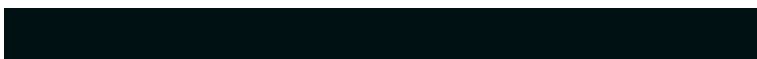
26.1054, 0.2763, 0.2867



8.2932, 0.2987, 0.3247



15.7156, 0.2083, 0.2700



0.4417, 0.2143, 0.2915

Previews

White Background



This preview shows how the Yxy color 26.9934, 0.3562, 0.3399 looks on a white background.

Color Contrast Check

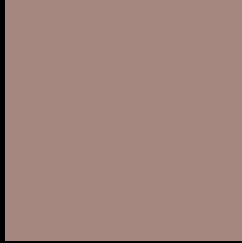
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9934, 0.3562, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

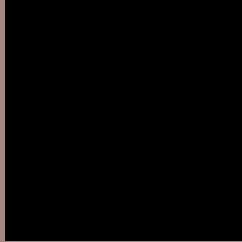
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9934, 0.3562, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 26.9934, 0.3562, 0.3399.



This preview shows how white text looks on a background with the Yxy color 26.9934, 0.3562, 0.3399.

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

26.9934, 0.3562, 0.3399

Protanopia

27.1877, 0.3293, 0.3470

Deuteranopia

27.0269, 0.3497, 0.3432



Tritanopia

27.0831, 0.3420, 0.3141

Trichromacy



Original Color

26.9934, 0.3562, 0.3399

Protanomaly

26.9470, 0.3389, 0.3435

Deuteranomaly

26.9534, 0.3523, 0.3415

Tritanomaly

27.1007, 0.3463, 0.3230

Monochromacy



Original Color

26.9934, 0.3562, 0.3399

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.1705, 0.3268, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9934, 0.3562, 0.3399 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(166, 135, 128)` looks like.

```
.text, #text, p{  
    color:rgb(166, 135, 128)  
}
```

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(166, 135, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 135, 128) }
```

Border

The CSS property to change the border of an element to Yxy 26.9934, 0.3562, 0.3399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

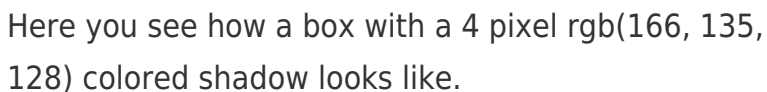
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 135, 128) }
```

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

```
.border{ border-color:rgb(166, 135, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 135, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 135, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 135, 128);  
box-shadow:4px 4px 4px 4px rgb(166, 135,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9934, 0.3562, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 135, 128) }
```

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

```
.background{ background-color: rgb(166,  
135, 128) }
```

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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