

Converting Colors

$Y_{xy}(26.0902, 0.3606, 0.3399)$

Have a look what the booklet for
Yxy(26.0902, 0.3606, 0.3399)
contains.

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Color

Yxy(26.0902, 0.3606, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	A6847D
RGB	166, 132, 125
RGB Percent	65%, 52%, 49%
CMY	0.3491, 0.4823, 0.5097
CMYK	0.00, 0.20, 0.25, 0.35
HSL	10°, 19%, 57%
HSV	10°, 25%, 65%
XYZ	27.6791, 26.0902, 22.9892
YIQ	141.3680, 22.5110, 5.0310

Conversions

Conversions Part 2

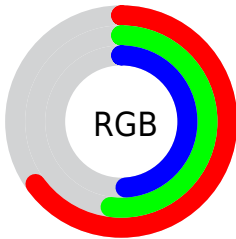
Format	Color
R_{YB}	166, 133, 125
Decimal	10912893
CIE _{Lab}	58.12, 11.92, 8.71
CIE _{LCh}	58, 14.763, 36.133
Yxy	26.0902, 0.3606, 0.3399
Android (android.graphics.Color)	4289102973 (0xFFA6847D)
YUV	141.3680, -8.0694, 21.6023
Hunter-Lab	51.0786, 7.3403, 9.0701

Details

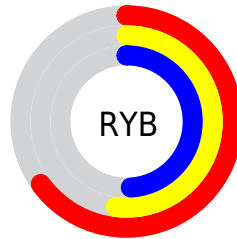
The Yxy color $26.0902, 0.3606, 0.3399$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $31.9179, 0.2763, 0.3178$, and the grayscale version is $26.8148, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4419, 0.3503, 0.3373$, and $10.0671, 0.3787, 0.3425$ is the 20% darker color. If you saturate the color by 10%, you get $22.2095, 0.3873, 0.3446$, and if you desaturate by 10%, it is $30.5374, 0.3384, 0.3353$.

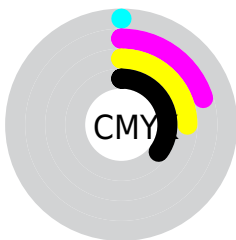
Distribution



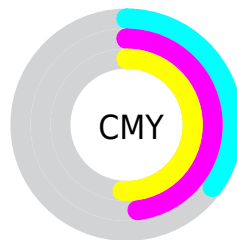
- Red (65%)
- Green (52%)
- Blue (49%)



- Red (65%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (35%)




- Cyan (35%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0902, 0.3606, 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 26.0902, 0.3606, 0.3399 by changing the saturation by 10% instead.


 26.0902, 0.3606,
0.3399


 26.0902, 0.3606,
0.3399


283.2246, 0.3341,
0.3344


 16.8911, 0.3682,
0.3413


 53.4204, 0.3503,
0.3379

 10.1569, 0.3786,
0.3430


 72.3204, 0.3467,
0.3371

 5.5031, 0.3938,
0.3452

 95.2227, 0.3436,
0.3365

 2.5454, 0.4178,
0.3479

122.5119, 0.3411,
0.3359

 0.8993, 0.4825,
0.3665

154.5723, 0.3390,
0.3355

 0.0000, 1.0000,
0.0000


191.7883, 0.3371,

 0.0000, 0.0000,

0.3351

0.0000


234.5442, 0.3355,
0.3347


 26.0902, 0.3606,
0.3399


 26.0902, 0.3606,
0.3399


 22.2095, 0.3873,
0.3446


 30.5374, 0.3384,
0.3353


 18.8691, 0.4190,
0.3491


 35.5689, 0.3201,
0.3309

 16.0458, 0.4556,
0.3529


 41.2062, 0.3050,
0.3269

 13.7135, 0.4963,
0.3554


 47.4686, 0.2925,
0.3232


 11.8439, 0.5383,
0.3556


 54.3746, 0.2822,
0.3198


 10.4055, 0.5773,
0.3530

 61.9418, 0.2735,
0.3168

 9.3627, 0.6082,
0.3474

 70.1871, 0.2662,
0.3141

 8.9490, 0.6217,
0.3446

 78.9438, 0.2614,
0.3146

 86.8461, 0.2633,
0.3289

Harmonies

Analogous

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



26.0902, 0.3467, 0.3188



26.0902, 0.3606, 0.3399



26.0902, 0.3609, 0.3592

Triad

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



26.0902, 0.3606, 0.3399



26.0902, 0.3006, 0.3599



26.0902, 0.2777, 0.2879

Complementary

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



26.0902, 0.3606, 0.3399



31.9179, 0.2763, 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.



26.0902, 0.2665, 0.2968



26.0902, 0.3606, 0.3399



26.0902, 0.2793, 0.3384

Square

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



26.0902, 0.3606, 0.3399



26.0902, 0.3257, 0.3722



26.0902, 0.2671, 0.3150



26.0902, 0.2984, 0.2896

Rectangle

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



26.0902, 0.3606, 0.3399



26.0902, 0.3536, 0.3685



26.0902, 0.2671, 0.3150



26.0902, 0.2728, 0.2897

Sweetspot

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



26.0914, 0.3606, 0.3399



62.2198, 0.3243, 0.3320



25.2902, 0.3229, 0.2784



13.8057, 0.3253, 0.3322



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.



26.0914, 0.3606, 0.3399



43.0932, 0.3757, 0.3427



32.1541, 0.3535, 0.3702



7.7411, 0.3282, 0.3329



6.9896, 0.6204, 0.3456



0.2283, 0.5675, 0.3876

Inverse Universe

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



31.9179, 0.2763, 0.3178



55.6341, 0.2681, 0.3148



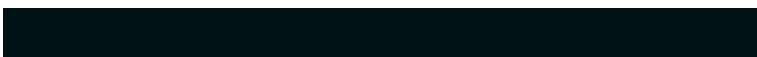
25.4893, 0.2734, 0.2841



8.3115, 0.2987, 0.3251



16.2315, 0.2097, 0.2748



0.4506, 0.2151, 0.2945

Previews

White Background



This preview shows how the Yxy color 26.0902, 0.3606, 0.3399 looks on a white background.

Color Contrast Check

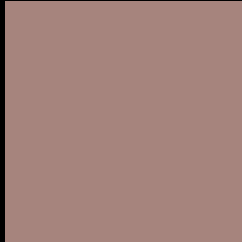
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0902, 0.3606, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

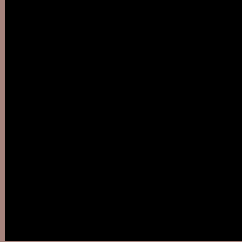
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0902, 0.3606, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 26.0902, 0.3606, 0.3399.



This preview shows how white text looks on a background with the Yxy color 26.0902, 0.3606, 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

26.0902, 0.3606, 0.3399

Protanopia

26.0700, 0.3297, 0.3456

Deuteranopia

26.1541, 0.3525, 0.3466



Tritanopia

26.1835, 0.3461, 0.3140

Trichromacy



Original Color

26.0902, 0.3606, 0.3399

Protanomaly

25.9391, 0.3407, 0.3420

Deuteranomaly

26.1868, 0.3563, 0.3448

Tritanomaly

26.1974, 0.3505, 0.3230

Monochromacy



Original Color

26.0902, 0.3606, 0.3399

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.4103, 0.3292, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0902, 0.3606, 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, 132, 125)` looks like.

```
.text, #text, p{  
    color:rgb(166, 132, 125)  
}
```

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, 132, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 132, 125) }
```

Border

The CSS property to change the border of an element to Yxy 26.0902, 0.3606, 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, 132, 125) }
```

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

```
.border{ border-color:rgb(166, 132, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 132, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 132, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 132, 125);  
box-shadow:4px 4px 4px 4px rgb(166, 132,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0902, 0.3606, 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, 132, 125) }
```

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

```
.background{ background-color: rgb(166,  
132, 125) }
```

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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