

Converting Colors

$Y_{xy}(26.1984, 0.3427, 0.3022)$

Have a look what the booklet for
Yxy(26.1984, 0.3427, 0.3022)
contains.

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Color

Yxy(26.1716, 0.3432, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	AB8092
RGB	171, 128, 146
RGB Percent	67%, 50%, 57%
CMY	0.3294, 0.4980, 0.4275
CMYK	0.00, 0.25, 0.15, 0.33
HSL	335°, 20%, 59%
HSV	335°, 25%, 67%
XYZ	29.7027, 26.1716, 30.6720
YIQ	142.9090, 19.8500, 14.7140

Conversions

Conversions Part 2

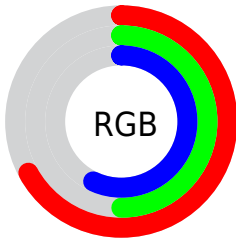
Format	Color
RYB	171, 128, 146
Decimal	11239570
CIELab	58.20, 19.48, -3.18
CIELCh	58, 19.736, 350.739
Yxy	26.1716, 0.3432, 0.3024
Android (android.graphics.Color)	4289429650 (0xFFAB8092)
YUV	142.9090, 1.5239, 24.6358
Hunter-Lab	51.1582, 14.1111, 0.2633

Details

The Yxy color **26.1716, 0.3432, 0.3024** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.0208, 0.2899, 0.3573**, and the grayscale version is **27.4184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5488, 0.3368, 0.3076**, and **10.1449, 0.3534, 0.2913** is the 20% darker color. If you saturate the color by 10%, you get **21.7848, 0.3599, 0.2913**, and if you desaturate by 10%, it is **31.3396, 0.3293, 0.3134**.

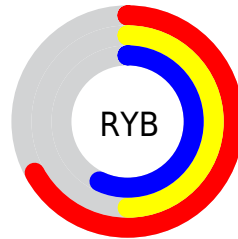
Distribution



Red (67%)

Green (50%)

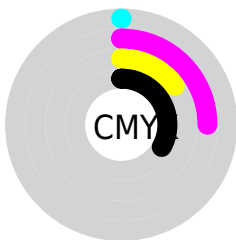
Blue (57%)



Red (67%)

Yellow (50%)

Blue (57%)

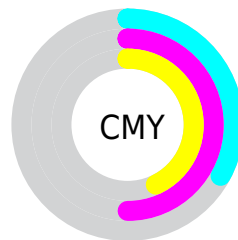


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (33%)



Cyan (33%)


Magenta (50%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1716, 0.3432, 0.3024 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 26.1716, 0.3432, 0.3024 by changing the saturation by 10% instead.


 26.1716, 0.3432,
0.3024


 26.1716, 0.3432,
0.3024


283.6234, 0.3266,
0.3168


 16.9521, 0.3479,
0.2984


 53.5516, 0.3368,
0.3079

 10.2003, 0.3542,
0.2931


 72.4809, 0.3345,
0.3099

 5.5320, 0.3633,
0.2854


 95.4156, 0.3326,
0.3115

 2.5626, 0.3775,
0.2737

122.7401, 0.3310,
0.3129

 0.9079, 0.4026,
0.2535

154.8387, 0.3297,
0.3141

 0.0000, 0.9827,
0.0000

192.0958, 0.3285,

 0.0000, 0.0000,

0.3151

0.0000

234.8960, 0.3275,
0.3160

■ 26.1716, 0.3432,
0.3024

■ 26.1716, 0.3432,
0.3024

■ 21.7848, 0.3599,
0.2913

■ 31.3396, 0.3293,
0.3134

■ 18.1373, 0.3797,
0.2805

■ 37.3209, 0.3178,
0.3238

■ 15.1887, 0.4028,
0.2708

■ 44.1502, 0.3084,
0.3337

■ 12.8931, 0.4290,
0.2633

■ 51.8591, 0.3006,
0.3428

■ 11.1991, 0.4575,
0.2592

■ 60.4775, 0.2941,
0.3512

■ 10.0477, 0.4869,
0.2596

■ 70.0340, 0.2888,
0.3589

■ 9.3655, 0.5155,
0.2652

■ 80.5558, 0.2845,
0.3659

■ 9.1205, 0.5291,
0.2688

■ 85.6485, 0.2799,
0.3620

■ 86.2096, 0.2750,
0.3505

Harmonies

Analogous

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



26.1716, 0.3094, 0.2830



26.1716, 0.3432, 0.3024



26.1716, 0.3694, 0.3284

Triad

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



26.1716, 0.3432, 0.3024



26.1716, 0.3459, 0.3888



26.1716, 0.2502, 0.2967

Complementary

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



26.1716, 0.3432, 0.3024



36.0208, 0.2899, 0.3573

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.



26.1716, 0.2588, 0.3255



26.1716, 0.3432, 0.3024



26.1716, 0.3131, 0.3816

Square

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



26.1716, 0.3432, 0.3024



26.1716, 0.3705, 0.3784



26.1716, 0.2814, 0.3575



26.1716, 0.2571, 0.2787

Rectangle

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



26.1716, 0.3432, 0.3024



26.1716, 0.3782, 0.3470



26.1716, 0.2814, 0.3575



26.1716, 0.2514, 0.3053

Sweetspot

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



26.1728, 0.3432, 0.3024



63.4695, 0.3210, 0.3208



25.0911, 0.2954, 0.2639



13.7951, 0.3227, 0.3192



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



26.1728, 0.3432, 0.3024



42.4707, 0.3518, 0.2964



26.4153, 0.3635, 0.3335



8.0688, 0.3223, 0.3196



6.8845, 0.5266, 0.2675



0.2026, 0.4494, 0.2249

Inverse Universe

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



26.1728, 0.3432, 0.3024



42.4707, 0.3518, 0.2964



35.5888, 0.2761, 0.3245



8.0688, 0.3223, 0.3196



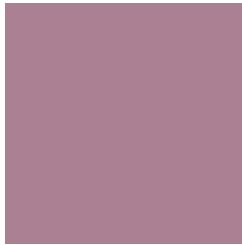
6.8845, 0.5266, 0.2675



0.2026, 0.4494, 0.2249

Previews

White Background



This preview shows how the Yxy color 26.1716, 0.3432, 0.3024 looks on a white background.

Color Contrast Check

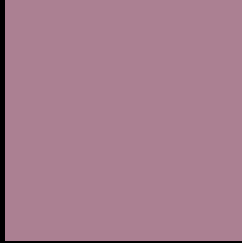
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1716, 0.3432, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

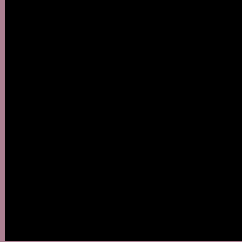
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1716, 0.3432, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 26.1716, 0.3432, 0.3024.



This preview shows how white text looks on a background with the Yxy color 26.1716, 0.3432, 0.3024.

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

26.1716, 0.3432, 0.3024

Protanopia

26.2541, 0.2989, 0.3062

Deuteranopia

26.3281, 0.3212, 0.3148



Tritanopia

26.1106, 0.3499, 0.3141

Trichromacy



Original Color

26.1716, 0.3432, 0.3024

Protanomaly

26.1093, 0.3149, 0.3053

Deuteranomaly

26.1903, 0.3295, 0.3104

Tritanomaly

26.1996, 0.3464, 0.3096

Monochromacy



Original Color

26.1716, 0.3432, 0.3024

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9629, 0.3231, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1716, 0.3432, 0.3024 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(171, 128, 146)` looks like.

```
.text, #text, p{  
    color:rgb(171, 128, 146)  
}
```

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(171, 128, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 128, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.1716, 0.3432, 0.3024 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(171, 128, 146) }
```

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

```
.border{ border-color:rgb(171, 128, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 128, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 128, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 128, 146);  
box-shadow:4px 4px 4px 4px rgb(171, 128,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1716, 0.3432, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 128, 146) }
```

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

```
.background{ background-color: rgb(171,  
128, 146) }
```

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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