

Converting Colors

$Y_{xy}(26.3061, 0.3534, 0.3157)$

Have a look what the booklet for
Yxy(26.3061, 0.3534, 0.3157)
contains.

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Color

Yxy(26.3061, 0.3534, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	AC818A
RGB	172, 129, 138
RGB Percent	67%, 51%, 54%
CMY	0.3256, 0.4941, 0.4588
CMYK	0.00, 0.25, 0.20, 0.33
HSL	347°, 21%, 59%
HSV	347°, 25%, 67%
XYZ	29.4475, 26.3061, 27.5727
YIQ	142.8830, 22.7390, 11.9150

Conversions

Conversions Part 2

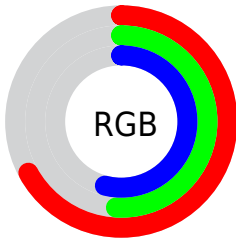
Format	Color
RYB	172, 129, 138
Decimal	11305354
CIELab	58.33, 17.96, 1.62
CIElCh	58, 18.030, 5.143
Yxy	26.3061, 0.3534, 0.3157
Android (android.graphics.Color)	4289495434 (0xFFAC818A)
YUV	142.8830, -2.4073, 25.5356
Hunter-Lab	51.2895, 12.7280, 4.0290

Details

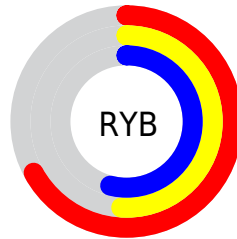
The Yxy color **26.3061, 0.3534, 0.3157** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **36.8083, 0.2833, 0.3428**, and the grayscale version is **27.4224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7115, 0.3451, 0.3189**, and **10.2185, 0.3692, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **21.7814, 0.3765, 0.3101**, and if you desaturate by 10%, it is **31.6451, 0.3345, 0.3212**.

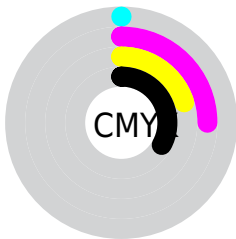
Distribution



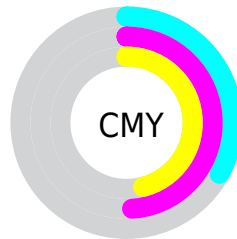
- Red (67%)
- Green (51%)
- Blue (54%)



- Red (67%)
- Yellow (51%)
- Blue (54%)



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3061, 0.3534, 0.3157 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 26.3061, 0.3534, 0.3157 by changing the saturation by 10% instead.


 26.3061, 0.3534,
0.3157


 26.3061, 0.3534,
0.3157


284.2815, 0.3311,
0.3231


 17.0528, 0.3598,
0.3136


 53.7684, 0.3447,
0.3186

 10.2721, 0.3685,
0.3106


 72.7461, 0.3417,
0.3196

 5.5798, 0.3811,
0.3062


 95.7340, 0.3391,
0.3205

 2.5913, 0.4010,
0.2992

123.1166, 0.3370,
0.3212

 0.9223, 0.4372,
0.2863

155.2783, 0.3352,
0.3218

 0.0000, 1.0000,
0.0000

192.6034, 0.3336,

 0.0000, 0.0000,

0.3223

0.0000

235.4763, 0.3323,
0.3227

■ 26.3061, 0.3534,
0.3157

■ 26.3061, 0.3534,
0.3157

■ 21.7814, 0.3765,
0.3101

■ 31.6451, 0.3345,
0.3212

■ 18.0274, 0.4044,
0.3047

■ 37.8319, 0.3192,
0.3265

■ 15.0019, 0.4375,
0.3002


■ 44.9026, 0.3068,
0.3314

■ 12.6573, 0.4751,
0.2974


■ 52.8903, 0.2967,
0.3359

■ 10.9401, 0.5153,
0.2971


■ 61.8260, 0.2884,
0.3400

 9.7889, 0.5548,
0.3001


 71.7396, 0.2817,
0.3437

 9.1285, 0.5890,
0.3066

 82.6595, 0.2761,
0.3471

 8.8954, 0.6038,
0.3100

 86.9904, 0.2700,
0.3379

 87.5081, 0.2661,
0.3289

Harmonies

Analogous

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



26.3061, 0.3249, 0.2944



26.3061, 0.3534, 0.3157



26.3061, 0.3709, 0.3410

Triad

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



26.3061, 0.3534, 0.3157



26.3061, 0.3292, 0.3823



26.3061, 0.2567, 0.2902

Complementary

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



26.3061, 0.3534, 0.3157



36.8083, 0.2833, 0.3428

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.



26.3061, 0.2578, 0.3124



26.3061, 0.3534, 0.3157



26.3061, 0.2987, 0.3678

Square

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



26.3061, 0.3534, 0.3157



26.3061, 0.3562, 0.3805



26.3061, 0.2728, 0.3413



26.3061, 0.2696, 0.2794

Rectangle

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



26.3061, 0.3534, 0.3157



26.3061, 0.3734, 0.3573



26.3061, 0.2728, 0.3413



26.3061, 0.2555, 0.2965

Sweetspot

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



26.3073, 0.3534, 0.3157



66.1137, 0.3222, 0.3254



26.4333, 0.3055, 0.2662



14.2250, 0.3231, 0.3251



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.



26.3073, 0.3534, 0.3157



42.9992, 0.3657, 0.3126



29.4582, 0.3598, 0.3472



8.0418, 0.3255, 0.3243



6.6284, 0.6014, 0.3087



0.1921, 0.5216, 0.2647

Inverse Universe

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



26.3073, 0.3534, 0.3157



42.9992, 0.3657, 0.3126



32.7196, 0.2751, 0.3100



8.0418, 0.3255, 0.3243



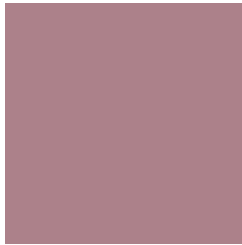
6.6284, 0.6014, 0.3087



0.1921, 0.5216, 0.2647

Previews

White Background



This preview shows how the Yxy color 26.3061, 0.3534, 0.3157 looks on a white background.

Color Contrast Check

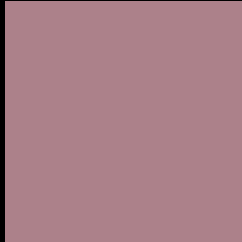
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3061, 0.3534, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

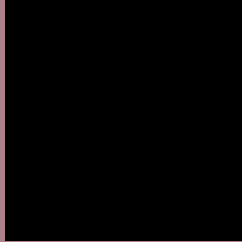
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3061, 0.3534, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 26.3061, 0.3534, 0.3157.



This preview shows how white text looks on a background with the Yxy color 26.3061, 0.3534, 0.3157.

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

26.3061, 0.3534, 0.3157

Protanopia

26.5206, 0.3109, 0.3225

Deuteranopia

26.3830, 0.3331, 0.3275



Tritanopia

26.3352, 0.3523, 0.3142

Trichromacy



Original Color

26.3061, 0.3534, 0.3157

Protanomaly

26.3336, 0.3255, 0.3195

Deuteranomaly

26.1583, 0.3407, 0.3229

Tritanomaly

26.3352, 0.3523, 0.3142

Monochromacy



Original Color

26.3061, 0.3534, 0.3157

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9701, 0.3273, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3061, 0.3534, 0.3157 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(172, 129, 138)` looks like.

```
.text, #text, p{  
    color:rgb(172, 129, 138)  
}
```

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(172, 129, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 129, 138) }
```

Border

The CSS property to change the border of an element to Yxy 26.3061, 0.3534, 0.3157 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(172, 129, 138) }
```

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

```
.border{ border-color:rgb(172, 129, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 129, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 129, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 129, 138);  
box-shadow:4px 4px 4px 4px rgb(172, 129,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3061, 0.3534, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 129, 138) }
```

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

```
.background{ background-color: rgb(172,  
129, 138) }
```

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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