

Converting Colors

$Y_{xy}(26.2958, 0.3781, 0.3457)$

Have a look what the booklet for
Yxy(26.2958, 0.3781, 0.3457)
contains.

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Color

Yxy(26.2958, 0.3781, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	AE8277
RGB	174, 130, 119
RGB Percent	68%, 51%, 47%
CMY	0.3178, 0.4901, 0.5334
CMYK	0.00, 0.25, 0.32, 0.32
HSL	12°, 25%, 57%
HSV	12°, 32%, 68%
XYZ	28.7603, 26.2958, 21.0093
YIQ	141.9020, 29.7550, 5.9070

Conversions

Conversions Part 2

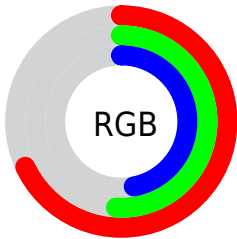
Format	Color
RYB	174, 133, 119
Decimal	11436663
CIELab	58.32, 15.35, 12.56
CIELCh	58, 19.832, 39.302
Yxy	26.2958, 0.3781, 0.3457
Android (android.graphics.Color)	4289626743 (0xFFAE8277)
YUV	141.9020, -11.2907, 28.1499
Hunter-Lab	51.2794, 10.3736, 11.6044

Details

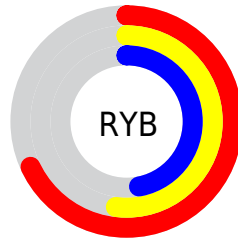
The Yxy color **26.2958, 0.3781, 0.3457** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1429, 0.2662, 0.3115**, and the grayscale version is **27.0457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6302, 0.3639, 0.3428**, and **10.1853, 0.4018, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **22.4635, 0.4077, 0.3511**, and if you desaturate by 10%, it is **30.7070, 0.3532, 0.3402**.

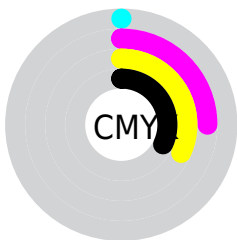
Distribution



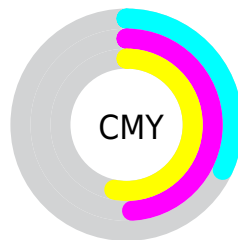
- Red (68%)
- Green (51%)
- Blue (47%)



- Red (68%)
- Yellow (52%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (32%)
- Black (32%)




- Cyan (32%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2958, 0.3781, 0.3457 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 26.2958, 0.3781, 0.3457 by changing the saturation by 10% instead.

 26.2958, 0.3781,
0.3457


 26.2958, 0.3781,
0.3457


284.2311, 0.3420,
0.3374

 17.0451, 0.3884,
0.3477

 53.7518, 0.3641,
0.3427

 10.2666, 0.4025,
0.3501


 72.7258, 0.3591,
0.3416

 5.5761, 0.4229,
0.3529

 95.7097, 0.3550,
0.3406

 2.5891, 0.4548,
0.3558

123.0878, 0.3515,
0.3398

 0.9212, 0.5579,
0.3896

155.2447, 0.3486,
0.3391

 0.0000, 1.0000,
0.0000

192.5646, 0.3461,

 0.0000, 0.0000,

0.3384

0.0000

235.4319, 0.3439,
0.3379

■ 26.2958, 0.3781,
0.3457

■ 26.2958, 0.3781,
0.3457

■ 22.4635, 0.4077,
0.3511

■ 30.7070, 0.3532,
0.3402

■ 19.1822, 0.4422,
0.3560

■ 35.7159, 0.3324,
0.3348

■ 16.4274, 0.4808,
0.3596

■ 41.3453, 0.3152,
0.3298


■ 14.1712, 0.5217,
0.3609


■ 47.6155, 0.3009,
0.3251


■ 12.3829, 0.5613,
0.3592

■ 54.5459, 0.2890,
0.3209

 11.0284, 0.5949,
0.3541

 62.1551, 0.2791,
0.3170

 10.1910, 0.6169,
0.3484

 70.4609, 0.2708,
0.3135

 79.2756, 0.2653,
0.3137

 87.7337, 0.2671,
0.3289

Harmonies

Analogous

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



26.2958, 0.3611, 0.3180



26.2958, 0.3781, 0.3457



26.2958, 0.3763, 0.3710

Triad

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



26.2958, 0.3781, 0.3457



26.2958, 0.2928, 0.3684



26.2958, 0.2685, 0.2742

Complementary

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



26.2958, 0.3781, 0.3457



33.1429, 0.2662, 0.3115

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.



26.2958, 0.2525, 0.2838



26.2958, 0.3781, 0.3457



26.2958, 0.2658, 0.3379

Square

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



26.2958, 0.3781, 0.3457



26.2958, 0.3260, 0.3868



26.2958, 0.2515, 0.3066



26.2958, 0.2967, 0.2781

Rectangle

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



26.2958, 0.3781, 0.3457



26.2958, 0.3650, 0.3831



26.2958, 0.2515, 0.3066



26.2958, 0.2616, 0.2759

Sweetspot

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



26.2970, 0.3781, 0.3457



67.2067, 0.3279, 0.3335



24.8282, 0.3285, 0.2661



14.6240, 0.3305, 0.3343



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.



26.2970, 0.3781, 0.3457



42.6977, 0.3986, 0.3496



34.5977, 0.3661, 0.3848



8.2661, 0.3282, 0.3336



7.4655, 0.6151, 0.3498



0.2816, 0.5610, 0.3927

Inverse Universe

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



33.1429, 0.2662, 0.3115



57.0957, 0.2567, 0.3070



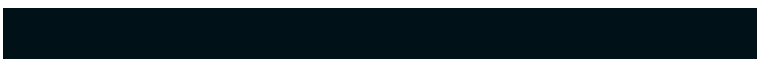
24.4380, 0.2609, 0.2660



8.7949, 0.2986, 0.3243



15.7099, 0.2068, 0.2644



0.5055, 0.2128, 0.2860

Previews

White Background



This preview shows how the Yxy color 26.2958, 0.3781, 0.3457 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 26.2958, 0.3781, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

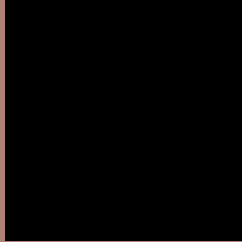
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2958, 0.3781, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 26.2958, 0.3781, 0.3457.



This preview shows how white text looks on a background with the Yxy color 26.2958, 0.3781, 0.3457.

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

26.2958, 0.3781, 0.3457

Protanopia

26.4144, 0.3371, 0.3555

Deuteranopia

26.3173, 0.3628, 0.3558



Tritanopia

26.2150, 0.3600, 0.3144

Trichromacy



Original Color

26.2958, 0.3781, 0.3457

Protanomaly

26.1816, 0.3520, 0.3515

Deuteranomaly

26.1901, 0.3684, 0.3524

Tritanomaly

26.1640, 0.3669, 0.3262

Monochromacy



Original Color

26.2958, 0.3781, 0.3457

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.7682, 0.3348, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2958, 0.3781, 0.3457 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, 130, 119)` looks like.

```
.text, #text, p{  
    color:rgb(174, 130, 119)  
}
```

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, 130, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 130, 119) }
```

Border

The CSS property to change the border of an element to Yxy 26.2958, 0.3781, 0.3457 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, 130, 119) }
```

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

```
.border{ border-color:rgb(174, 130, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 130, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 130, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 130, 119);  
box-shadow:4px 4px 4px 4px rgb(174, 130,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2958, 0.3781, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 130, 119) }
```

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

```
.background{ background-color: rgb(174,  
130, 119) }
```

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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