

Converting Colors

$Yxy(26.9116, 0.3813, 0.3469)$

Have a look what the booklet for
Yxy(26.9116, 0.3813, 0.3469)
contains.

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Color

Yxy(26.9116, 0.3813, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	B18377
RGB	177, 131, 119
RGB Percent	69%, 51%, 47%
CMY	0.3058, 0.4863, 0.5334
CMYK	0.00, 0.26, 0.33, 0.31
HSL	12°, 27%, 58%
HSV	12°, 33%, 69%
XYZ	29.5803, 26.9116, 21.0855
YIQ	143.3860, 31.2680, 6.0200

Conversions

Conversions Part 2

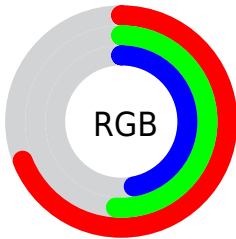
Format	Color
R_{YB}	177, 134, 119
Decimal	11633527
CIE _{Lab}	58.89, 16.03, 13.41
CIE _{LCh}	59, 20.899, 39.933
Yxy	26.9116, 0.3813, 0.3469
Android (android.graphics.Color)	4289823607 (0xFFB18377)
YUV	143.3860, -12.0223, 29.4795
Hunter-Lab	51.8764, 10.9982, 12.2146

Details

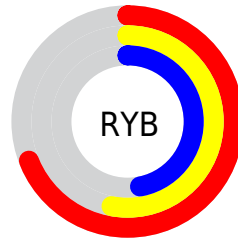
The Yxy color $26.9116, 0.3813, 0.3469$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.0119, 0.2645, 0.3102$, and the grayscale version is $27.6710, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7137, 0.3671, 0.3438$, and $10.5507, 0.4062, 0.3499$ is the 20% darker color. If you saturate the color by 10%, you get $23.0073, 0.4114, 0.3525$, and if you desaturate by 10%, it is $31.4088, 0.3559, 0.3412$.

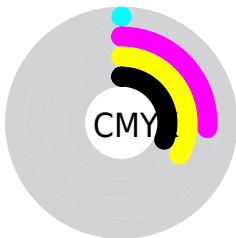
Distribution



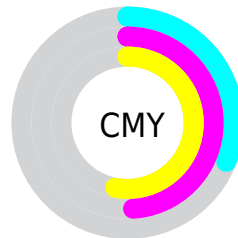
- Red (69%)
- Green (51%)
- Blue (47%)



- Red (69%)
- Yellow (53%)
- Blue (47%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (31%)





- Cyan (31%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9116, 0.3813, 0.3469 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 26.9116, 0.3813, 0.3469 by changing the saturation by 10% instead.


 26.9116, 0.3813,
0.3469


 26.9116, 0.3813,
0.3469


287.2289, 0.3435,
0.3381


 17.5068, 0.3920,
0.3490


 54.7420, 0.3667,
0.3438

 10.5965, 0.4066,
0.3515


 73.9364, 0.3615,
0.3426

 5.7962, 0.4276,
0.3544


 97.1628, 0.3572,
0.3415

 2.7216, 0.4602,
0.3573

124.8056, 0.3536,
0.3406

 0.9882, 0.5596,
0.3878

157.2493, 0.3505,
0.3399

 0.0000, 1.0000,
0.0000

194.8781, 0.3478,

 0.0000, 0.0000,

0.3392

0.0000

238.0765, 0.3456,
0.3386

■ 26.9116, 0.3813,
0.3469

■ 26.9116, 0.3813,
0.3469

■ 23.0073, 0.4114,
0.3525

■ 31.4088, 0.3559,
0.3412

■ 19.6671, 0.4463,
0.3574

■ 36.5182, 0.3347,
0.3356

■ 16.8658, 0.4852,
0.3608


■ 42.2634, 0.3171,
0.3304


■ 14.5745, 0.5260,
0.3620


■ 48.6651, 0.3024,
0.3255

■ 12.7616, 0.5649,
0.3598

■ 55.7435, 0.2903,
0.3211

 11.3916, 0.5974,
0.3542

 63.5175, 0.2801,
0.3171

 10.6490, 0.6159,
0.3491

 72.0056, 0.2716,
0.3134

 80.8590, 0.2671,
0.3161

 88.0893, 0.2686,
0.3289

Harmonies

Analogous

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



26.9116, 0.3639, 0.3180



26.9116, 0.3813, 0.3469



26.9116, 0.3789, 0.3733

Triad

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



26.9116, 0.3813, 0.3469



26.9116, 0.2911, 0.3697



26.9116, 0.2671, 0.2718

Complementary

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



26.9116, 0.3813, 0.3469



34.0119, 0.2645, 0.3102

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.



26.9116, 0.2501, 0.2814



26.9116, 0.3813, 0.3469



26.9116, 0.2633, 0.3375

Square

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



26.9116, 0.3813, 0.3469



26.9116, 0.3258, 0.3893



26.9116, 0.2487, 0.3048



26.9116, 0.2966, 0.2762

Rectangle

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



26.9116, 0.3813, 0.3469



26.9116, 0.3668, 0.3858



26.9116, 0.2487, 0.3048



26.9116, 0.2598, 0.2734

Sweetspot

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



26.9129, 0.3813, 0.3469



67.9601, 0.3297, 0.3342



25.2729, 0.3293, 0.2637



14.4333, 0.3323, 0.3350



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.



26.9129, 0.3813, 0.3469



43.2624, 0.4015, 0.3508



35.6879, 0.3684, 0.3870



8.7807, 0.3282, 0.3338



7.7867, 0.6142, 0.3505



0.3276, 0.5625, 0.3916

Inverse Universe

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



34.0119, 0.2645, 0.3102



57.8403, 0.2553, 0.3056



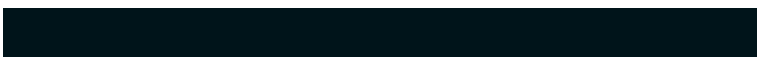
24.8178, 0.2587, 0.2631



9.3271, 0.2986, 0.3242



16.0592, 0.2062, 0.2621



0.5806, 0.2119, 0.2828

Previews

White Background



This preview shows how the Yxy color 26.9116, 0.3813, 0.3469 looks on a white background.

Color Contrast Check

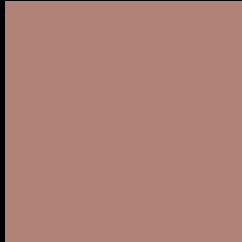
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9116, 0.3813, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

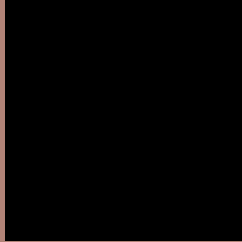
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9116, 0.3813, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 26.9116, 0.3813, 0.3469.



This preview shows how white text looks on a background with the Yxy color 26.9116, 0.3813, 0.3469.

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

26.9116, 0.3813, 0.3469

Protanopia

27.1908, 0.3389, 0.3584

Deuteranopia

27.0918, 0.3644, 0.3587



Tritanopia

26.8570, 0.3620, 0.3147

Trichromacy



Original Color

26.9116, 0.3813, 0.3469

Protanomaly

26.9530, 0.3537, 0.3544

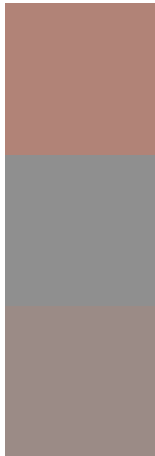
Deuteranomaly

27.0710, 0.3711, 0.3551

Tritanomaly

26.8042, 0.3689, 0.3262

Monochromacy



Original Color

26.9116, 0.3813, 0.3469

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.1550, 0.3357, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9116, 0.3813, 0.3469 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(177, 131, 119)` looks like.

```
.text, #text, p{  
    color:rgb(177, 131, 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(177, 131, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 131, 119) }
```

Border

The CSS property to change the border of an element to Yxy 26.9116, 0.3813, 0.3469 is called "border". The border property can be set on classes, ids or directly on the HTML element.

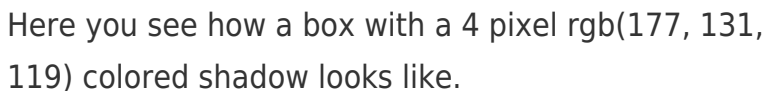
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 131, 119) }
```

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

```
.border{ border-color:rgb(177, 131, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 131, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 131, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 131, 119); box-shadow:4px 4px 4px 4px rgb(177, 131, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9116, 0.3813, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 131, 119) }
```

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

```
.background{ background-color: rgb(177,  
131, 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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