

Converting Colors

$Y_{xy}(26.0061, 0.4157, 0.3557)$

Have a look what the booklet for
Yxy(26.0061, 0.4157, 0.3557)
contains.

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Color

Yxy(26.1266, 0.4154, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	BC7C69
RGB	188, 124, 105
RGB Percent	74%, 49%, 41%
CMY	0.2626, 0.5138, 0.5882
CMYK	0.00, 0.34, 0.44, 0.26
HSL	14°, 38%, 57%
HSV	14°, 44%, 74%
XYZ	30.5031, 26.1266, 16.8009
YIQ	140.9700, 44.2430, 7.6590

Conversions

Conversions Part 2

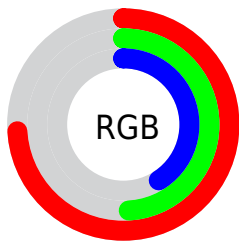
Format	Color
R _Y B	188, 130, 105
Decimal	12352617
CIE Lab	58.16, 22.68, 20.58
CIE LCh	58, 30.630, 42.224
Yxy	26.1266, 0.4154, 0.3558
Android (android.graphics.Color)	4290542697 (0xFFBC7C69)
YUV	140.9700, -17.7332, 41.2453
Hunter-Lab	51.1142, 17.0724, 16.2917

Details

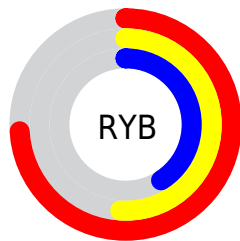
The Yxy color **26.1266, 0.4154, 0.3558** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.0315, 0.2488, 0.2995**, and the grayscale version is **26.6823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4374, 0.3935, 0.3521**, and **10.1086, 0.4526, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **22.4114, 0.4504, 0.3611**, and if you desaturate by 10%, it is **30.4646, 0.3849, 0.3497**.

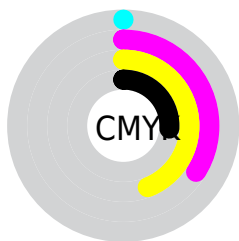
Distribution



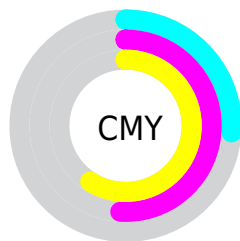
- Red (74%)
- Green (49%)
- Blue (41%)



- Red (74%)
- Yellow (51%)
- Blue (41%)



- Cyan (0%)
- Magenta (34%)
- Yellow (44%)
- Black (26%)





- Cyan (26%)
- Magenta (51%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1266, 0.4154, 0.3558 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 26.1266, 0.4154, 0.3558 by changing the saturation by 10% instead.


 26.1266, 0.4154,
0.3558

 26.1266, 0.4154,
0.3558


283.4030, 0.3587,
0.3433


 16.9184, 0.4314,
0.3583


 53.4791, 0.3934,
0.3516


 10.1763, 0.4530,
0.3609


 72.3922, 0.3856,
0.3499

 5.5160, 0.4836,
0.3629

 95.3090, 0.3791,
0.3485

 2.5531, 0.5304,
0.3630

 122.6140, 0.3737,
0.3472

 0.9031, 0.6319,
0.3681

154.6914, 0.3691,
0.3460

 0.0000, 1.0000,
0.0000

191.9258, 0.3652,

 0.0000, 0.0000,

0.3450

0.0000

234.7016, 0.3617,
0.3441

■ 26.1266, 0.4154,
0.3558

■ 26.1266, 0.4154,
0.3558

■ 22.4114, 0.4504,
0.3611

■ 30.4646, 0.3849,
0.3497

■ 19.2862, 0.4891,
0.3647

■ 35.4485, 0.3590,
0.3434

■ 16.7210, 0.5291,
0.3656

■ 41.1051, 0.3374,
0.3372

■ 14.6812, 0.5668,
0.3630


■ 47.4583, 0.3193,
0.3313

■ 13.1283, 0.5977,
0.3565


■ 54.5309, 0.3043,
0.3259

 12.4227, 0.6123,
0.3520

 62.3447, 0.2917,
0.3209

 70.9205, 0.2812,
0.3164

 80.2504, 0.2726,
0.3127

 89.1358, 0.2741,
0.3284

Harmonies

Analogous

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



26.1266, 0.3916, 0.3150



26.1266, 0.4154, 0.3558



26.1266, 0.4085, 0.3942

Triad

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



26.1266, 0.4154, 0.3558



26.1266, 0.2764, 0.3876



26.1266, 0.2489, 0.2465

Complementary

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



26.1266, 0.4154, 0.3558



35.0315, 0.2488, 0.2995

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.



26.1266, 0.2237, 0.2573



26.1266, 0.4154, 0.3558



26.1266, 0.2382, 0.3366

Square

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



26.1266, 0.4154, 0.3558



26.1266, 0.3265, 0.4194



26.1266, 0.2199, 0.2885



26.1266, 0.2921, 0.2549

Rectangle

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



26.1266, 0.4154, 0.3558



26.1266, 0.3885, 0.4134



26.1266, 0.2199, 0.2885



26.1266, 0.2383, 0.2479

Sweetspot

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



26.1279, 0.4154, 0.3558



75.4979, 0.3355, 0.3366



23.7040, 0.3386, 0.2427



15.7191, 0.3399, 0.3379



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



26.1279, 0.4154, 0.3558



40.7802, 0.4493, 0.3610



38.4496, 0.3902, 0.4092



9.8808, 0.3283, 0.3343



8.5498, 0.6103, 0.3536



0.4370, 0.5630, 0.3911

Inverse Universe

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



35.0315, 0.2488, 0.2995



58.9003, 0.2371, 0.2918



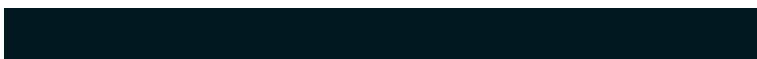
22.2129, 0.2374, 0.2324



10.4295, 0.2985, 0.3236



16.3802, 0.2040, 0.2544



0.7339, 0.2095, 0.2743

Previews

White Background



This preview shows how the Yxy color 26.1266, 0.4154, 0.3558 looks on a white background.

Color Contrast Check

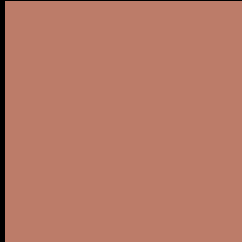
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1266, 0.4154, 0.3558 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 26.1266, 0.4154, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 26.1266, 0.4154, 0.3558.



This preview shows how white text looks on a background with the Yxy color 26.1266, 0.4154, 0.3558.

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

26.1266, 0.4154, 0.3558

Protanopia

26.3156, 0.3522, 0.3753

Deuteranopia

26.1365, 0.3852, 0.3771



Tritanopia

26.2336, 0.3876, 0.3167

Trichromacy



Original Color

26.1266, 0.4154, 0.3558

Protanomaly

25.9409, 0.3748, 0.3684

Deuteranomaly

25.9634, 0.3961, 0.3681

Tritanomaly

26.1184, 0.3975, 0.3306

Monochromacy



Original Color

26.1266, 0.4154, 0.3558

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1556, 0.3468, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1266, 0.4154, 0.3558 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(188, 124, 105)` looks like.

```
.text, #text, p{  
    color:rgb(188, 124, 105)  
}
```

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(188, 124, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 124, 105) }
```

Border

The CSS property to change the border of an element to Yxy 26.1266, 0.4154, 0.3558 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(188, 124, 105) }
```

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

```
.border{ border-color:rgb(188, 124, 105) }
```

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

Here you see how a box with a 4 pixel rgb(188, 124, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 124, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 124, 105);  
box-shadow:4px 4px 4px 4px rgb(188, 124,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1266, 0.4154, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 124, 105) }
```

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

```
.background{ background-color: rgb(188,  
124, 105) }
```

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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