

Converting Colors

$Yxy(26.0967, 0.3990, 0.3567)$

Have a look what the booklet for
Yxy(26.0967, 0.3990, 0.3567)
contains.

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Color

Yxy(26.2458, 0.3985, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	B4806D
RGB	180, 128, 109
RGB Percent	71%, 50%, 43%
CMY	0.2940, 0.4981, 0.5726
CMYK	0.00, 0.29, 0.39, 0.29
HSL	16°, 32%, 57%
HSV	16°, 39%, 71%
XYZ	29.3050, 26.2458, 17.9875
YIQ	141.3820, 37.0910, 5.1150

Conversions

Conversions Part 2

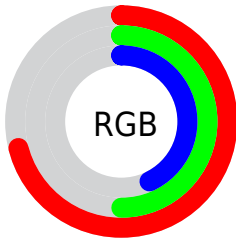
Format	Color
R _Y B	180, 135, 109
Decimal	11829357
CIE Lab	58.27, 17.66, 18.31
CIE LCh	58, 25.436, 46.044
Yxy	26.2458, 0.3985, 0.3569
Android (android.graphics.Color)	4290019437 (0xFFB4806D)
YUV	141.3820, -15.9643, 33.8680
Hunter-Lab	51.2307, 12.4520, 15.0443

Details

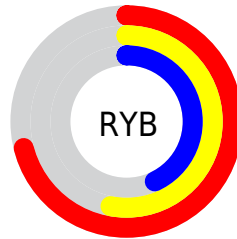
The Yxy color **26.2458, 0.3985, 0.3569** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.0427, 0.2544, 0.2987**, and the grayscale version is **26.8476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6255, 0.3795, 0.3516**, and **10.2889, 0.4297, 0.3655** is the 20% darker color. If you saturate the color by 10%, you get **22.6792, 0.4301, 0.3637**, and if you desaturate by 10%, it is **30.3414, 0.3711, 0.3496**.

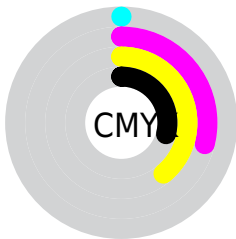
Distribution



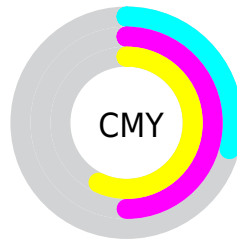
- Red (71%)
- Green (50%)
- Blue (43%)



- Red (71%)
- Yellow (53%)
- Blue (43%)



- Cyan (0%)
- Magenta (29%)
- Yellow (39%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2458, 0.3985, 0.3569 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 26.2458, 0.3985, 0.3569 by changing the saturation by 10% instead.


 26.2458, 0.3985,
0.3569


 26.2458, 0.3985,
0.3569


283.9866, 0.3511,
0.3431


 17.0076, 0.4119,
0.3601


 53.6712, 0.3801,
0.3520


 10.2399, 0.4301,
0.3638


 72.6272, 0.3736,
0.3502

 5.5583, 0.4561,
0.3680

 95.5913, 0.3682,
0.3486

 2.5784, 0.4955,
0.3716

 122.9479, 0.3637,
0.3472

 0.9158, 0.6028,
0.3972

155.0813, 0.3598,
0.3460

 0.0000, 1.0000,
0.0000

192.3760, 0.3565,

 0.0000, 0.0000,

0.3449

0.0000

235.2163, 0.3537,
0.3440

■ 26.2458, 0.3985,
0.3569

■ 26.2458, 0.3985,
0.3569

■ 22.6792, 0.4301,
0.3637

■ 30.3414, 0.3711,
0.3496

■ 19.6158, 0.4656,
0.3691

■ 34.9827, 0.3479,
0.3423

■ 17.0332, 0.5035,
0.3722

■ 40.1907, 0.3283,
0.3353

■ 14.9058, 0.5412,
0.3719

■ 45.9837, 0.3119,
0.3287

■ 13.2053, 0.5750,
0.3673

■ 52.3795, 0.2981,
0.3226

■ 11.8946, 0.6021,
0.3594

■ 59.3950, 0.2866,
0.3170

■ 11.8329, 0.6035,
0.3590

■ 67.0463, 0.2768,
0.3119

■ 75.3492, 0.2685,
0.3073

■ 83.2441, 0.2691,
0.3198

Harmonies

Analogous

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



26.2458, 0.3818, 0.3221



26.2458, 0.3985, 0.3569



26.2458, 0.3902, 0.3878

Triad

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



26.2458, 0.3985, 0.3569



26.2458, 0.2781, 0.3722



26.2458, 0.2633, 0.2595

Complementary

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



26.2458, 0.3985, 0.3569



32.0427, 0.2544, 0.2987

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.



26.2458, 0.2395, 0.2671



26.2458, 0.3985, 0.3569



26.2458, 0.2474, 0.3303

Square

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



26.2458, 0.3985, 0.3569



26.2458, 0.3193, 0.4009



26.2458, 0.2339, 0.2917



26.2458, 0.3013, 0.2683

Rectangle

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



26.2458, 0.3985, 0.3569



26.2458, 0.3723, 0.4017



26.2458, 0.2339, 0.2917



26.2458, 0.2535, 0.2601

Sweetspot

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



26.2471, 0.3985, 0.3569



70.1551, 0.3334, 0.3371



23.2177, 0.3394, 0.2564



14.8985, 0.3358, 0.3380



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.2471, 0.3985, 0.3569



42.1156, 0.4246, 0.3626



37.1631, 0.3790, 0.4051



8.8629, 0.3281, 0.3352



8.3536, 0.6014, 0.3607



0.3612, 0.5460, 0.4046

Inverse Universe

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



32.0427, 0.2544, 0.2987



53.9961, 0.2434, 0.2911



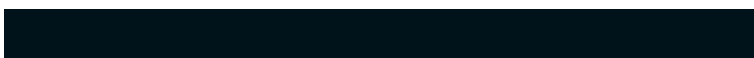
21.3581, 0.2454, 0.2387



9.2392, 0.2986, 0.3228



13.9029, 0.2003, 0.2411



0.5273, 0.2079, 0.2685

Previews

White Background



This preview shows how the Yxy color 26.2458, 0.3985, 0.3569 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 26.2458, 0.3985, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

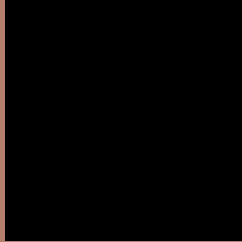
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2458, 0.3985, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 26.2458, 0.3985, 0.3569.



This preview shows how white text looks on a background with the Yxy color 26.2458, 0.3985, 0.3569.

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

26.2458, 0.3985, 0.3569

Protanopia

26.3835, 0.3490, 0.3703

Deuteranopia

26.4100, 0.3778, 0.3711



Tritanopia

26.0816, 0.3718, 0.3148

Trichromacy



Original Color

26.2458, 0.3985, 0.3569

Protanomaly

26.2742, 0.3657, 0.3656

Deuteranomaly

26.1313, 0.3854, 0.3657

Tritanomaly

25.9717, 0.3814, 0.3292

Monochromacy



Original Color

26.2458, 0.3985, 0.3569

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1619, 0.3419, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2458, 0.3985, 0.3569 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(180, 128, 109)` looks like.

```
.text, #text, p{  
    color:rgb(180, 128, 109)  
}
```

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(180, 128, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 128, 109) }
```

Border

The CSS property to change the border of an element to Yxy 26.2458, 0.3985, 0.3569 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(180, 128, 109) }
```

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

```
.border{ border-color:rgb(180, 128, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 128, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 128, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 128, 109);  
box-shadow:4px 4px 4px 4px rgb(180, 128,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2458, 0.3985, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 128, 109) }
```

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

```
.background{ background-color: rgb(180,  
128, 109) }
```

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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