

Converting Colors

$Y_{xy}(26.8133, 0.4429, 0.4143)$

Have a look what the booklet for
Yxy(26.8133, 0.4429, 0.4143)
contains.

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Color

Yxy(26.8773, 0.4416, 0.4147)

Conversions

Conversions Part 1

Format	Color
Hex	B68445
RGB	182, 132, 69
RGB Percent	71%, 52%, 27%
CMY	0.2862, 0.4824, 0.7293
CMYK	0.00, 0.27, 0.62, 0.29
HSL	33°, 45%, 49%
HSV	33°, 62%, 71%
XYZ	28.6207, 26.8773, 9.3134
YIQ	139.7680, 50.0230, -8.9930

Conversions

Conversions Part 2

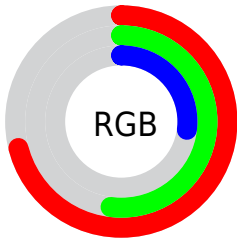
Format	Color
R_{YB}	159, 182, 69
Decimal	11961413
CIE Lab	58.86, 12.46, 40.95
CIE LCh	59, 42.802, 73.078
Yxy	26.8773, 0.4416, 0.4147
Android (android.graphics.Color)	4290151493 (0xFFB68445)
YUV	139.7680, -34.8886, 37.0375
Hunter-Lab	51.8433, 7.8173, 25.6392

Details

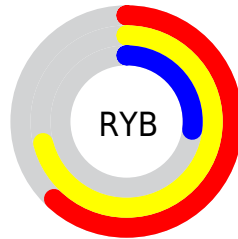
The Yxy color **26.8773, 0.4416, 0.4147** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.8494, 0.2131, 0.2173**, and the grayscale version is **26.2560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7306, 0.4166, 0.4004**, and **10.6726, 0.4807, 0.4339** is the 20% darker color. If you saturate the color by 10%, you get **24.5844, 0.4662, 0.4231**, and if you desaturate by 10%, it is **29.4110, 0.4168, 0.4031**.

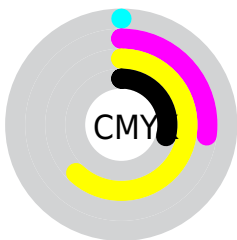
Distribution



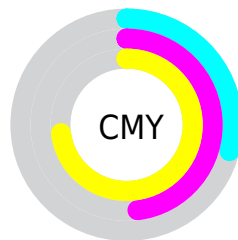
- Red (71%)
- Green (52%)
- Blue (27%)



- Red (62%)
- Yellow (71%)
- Blue (27%)



- Cyan (0%)
- Magenta (27%)
- Yellow (62%)
- Black (29%)




- Cyan (29%)
- Magenta (48%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8773, 0.4416, 0.4147 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 26.8773, 0.4416, 0.4147 by changing the saturation by 10% instead.


 26.8773, 0.4416,
0.4147


 26.8773, 0.4416,
0.4147


287.0625, 0.3731,
0.3726


 17.4811, 0.4589,
0.4236


 54.6869, 0.4162,
0.4002


 10.5781, 0.4805,
0.4334


 73.8691, 0.4068,
0.3945


 5.7839, 0.5088,
0.4439

 97.0821, 0.3989,
0.3895

 2.7141, 0.5469,
0.4531

 124.7102, 0.3921,
0.3852

 0.9844, 0.5693,
0.4307

 157.1380, 0.3863,
0.3814

 0.0000, 1.0000,
0.0000

194.7497, 0.3813,

 0.0000, 0.0000,

0.3781

0.0000

237.9297, 0.3769,
0.3752

■ 26.8773, 0.4416,
0.4147

■ 26.8773, 0.4416,
0.4147

■ 24.5844, 0.4662,
0.4231

■ 29.4110, 0.4168,
0.4031

■ 22.5180, 0.4894,
0.4272

■ 32.1910, 0.3929,
0.3895

■ 20.6677, 0.5097,
0.4261

■ 35.2272, 0.3706,
0.3749

■ 19.3399, 0.5238,
0.4223

■ 38.5278, 0.3503,
0.3601

■ 42.1006, 0.3321,
0.3456

■ 45.9528, 0.3158,
0.3318

■ 50.0913, 0.3015,
0.3188

■ 54.5229, 0.2889,
0.3067

■ 59.2540, 0.2779,
0.2956

Harmonies

Analogous

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



26.8773, 0.4548, 0.3625



26.8773, 0.4416, 0.4147



26.8773, 0.3933, 0.4535

Triad

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



26.8773, 0.4416, 0.4147



26.8773, 0.2106, 0.3355



26.8773, 0.2854, 0.2315

Complementary

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



26.8773, 0.4416, 0.4147



17.8494, 0.2131, 0.2173

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.



26.8773, 0.2278, 0.2193



26.8773, 0.4416, 0.4147



26.8773, 0.1888, 0.2696

Square

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



26.8773, 0.4416, 0.4147



26.8773, 0.2597, 0.4106



26.8773, 0.1949, 0.2308



26.8773, 0.3583, 0.2635

Rectangle

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



26.8773, 0.4416, 0.4147



26.8773, 0.3498, 0.4611



26.8773, 0.1949, 0.2308



26.8773, 0.2638, 0.2250

Sweetspot

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



26.8786, 0.4416, 0.4147



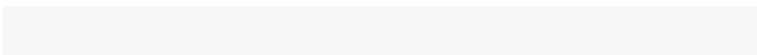
71.5703, 0.3451, 0.3560



15.5596, 0.4149, 0.2602



15.4108, 0.3505, 0.3602



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.8786, 0.4416, 0.4147



43.3289, 0.4738, 0.4249



43.1665, 0.3932, 0.4741



9.8199, 0.3274, 0.3417



13.7889, 0.5223, 0.4235



0.6074, 0.4890, 0.4499

Inverse Universe

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



17.8494, 0.2131, 0.2173



25.7031, 0.1952, 0.1889



9.1203, 0.1981, 0.1343



9.3563, 0.2985, 0.3159



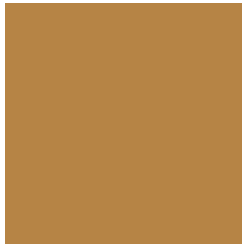
6.6245, 0.1727, 0.1415



0.3573, 0.1868, 0.1924

Previews

White Background



This preview shows how the Yxy color 26.8773, 0.4416, 0.4147 looks on a white background.

Color Contrast Check

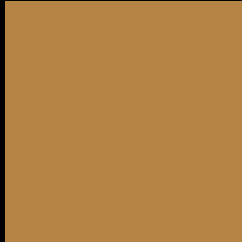
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8773, 0.4416, 0.4147 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 26.8773, 0.4416, 0.4147

Background



This preview shows how black text looks on a background with the Yxy color 26.8773, 0.4416, 0.4147.



This preview shows how white text looks on a background with the Yxy color 26.8773, 0.4416, 0.4147.

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

26.8773, 0.4416, 0.4147

Protanopia

26.9820, 0.4007, 0.4369

Deuteranopia

26.8593, 0.4316, 0.4233



Tritanopia

26.9533, 0.3774, 0.3166

Trichromacy



Original Color

26.8773, 0.4416, 0.4147

Protanomaly

26.7389, 0.4156, 0.4282

Deuteranomaly

26.9325, 0.4360, 0.4204

Tritanomaly

26.8784, 0.4032, 0.3548

Monochromacy



Original Color

26.8773, 0.4416, 0.4147

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0748, 0.3582, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8773, 0.4416, 0.4147 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(182, 132, 69)` looks like.

```
.text, #text, p{  
    color:rgb(182, 132, 69)  
}
```

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(182, 132, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 132, 69) }
```

Border

The CSS property to change the border of an element to Yxy 26.8773, 0.4416, 0.4147 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(182, 132, 69) }
```

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

```
.border{ border-color:rgb(182, 132, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 132, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 132, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 132, 69);  
box-shadow:4px 4px 4px 4px rgb(182, 132,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8773, 0.4416, 0.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 132, 69) }
```

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

```
.background{ background-color: rgb(182,  
132, 69) }
```

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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