

Converting Colors

$Y_{xy}(26.9263, 0.4378, 0.4100)$

Have a look what the booklet for
Yxy(26.9263, 0.4378, 0.4100)
contains.

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Color

Yxy(26.9287, 0.4378, 0.4101)

Conversions

Conversions Part 1

Format	Color
Hex	B68449
RGB	182, 132, 73
RGB Percent	71%, 52%, 29%
CMY	0.2862, 0.4824, 0.7137
CMYK	0.00, 0.27, 0.60, 0.29
HSL	32°, 43%, 50%
HSV	32°, 60%, 71%
XYZ	28.7476, 26.9287, 9.9875
YIQ	140.2240, 48.7390, -7.7490

Conversions

Conversions Part 2

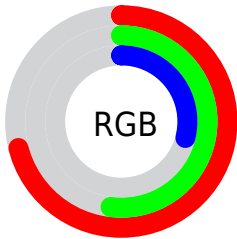
Format	Color
R_{YB}	165, 182, 73
Decimal	11961417
CIE _{Lab}	58.91, 12.75, 38.95
CIE _{LCh}	59, 40.987, 71.880
Yxy	26.9287, 0.4378, 0.4101
Android (android.graphics.Color)	4290151497 (0xFFB68449)
YUV	140.2240, -33.1414, 36.6376
Hunter-Lab	51.8929, 8.0728, 24.9139

Details

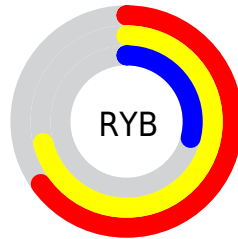
The Yxy color **26.9287, 0.4378, 0.4101** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.9662, 0.2171, 0.2252**, and the grayscale version is **26.4357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8288, 0.4135, 0.3963**, and **10.6923, 0.4764, 0.4290** is the 20% darker color. If you saturate the color by 10%, you get **24.5478, 0.4633, 0.4190**, and if you desaturate by 10%, it is **29.5642, 0.4126, 0.3983**.

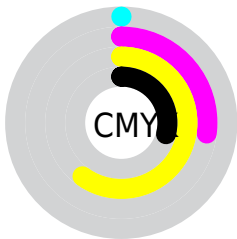
Distribution



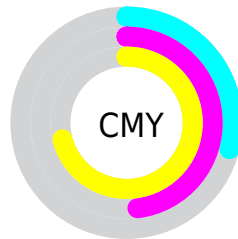
- Red (71%)
- Green (52%)
- Blue (29%)



- Red (65%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (27%)
- Yellow (60%)
- Black (29%)



- Cyan (29%)
- Magenta (48%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9287, 0.4378, 0.4101 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 26.9287, 0.4378, 0.4101 by changing the saturation by 10% instead.


 26.9287, 0.4378,
0.4101


 26.9287, 0.4378,
0.4101


287.3117, 0.3710,
0.3700


 17.5197, 0.4549,
0.4187


 54.7694, 0.4129,
0.3962


 10.6057, 0.4766,
0.4284


 73.9699, 0.4037,
0.3908

 5.8024, 0.5043,
0.4382

 97.2031, 0.3960,
0.3861

 2.7253, 0.5481,
0.4519

 124.8532, 0.3895,
0.3820

 0.9900, 0.5710,
0.4290

 157.3047, 0.3838,
0.3784

 0.0000, 1.0000,
0.0000

194.9421, 0.3790,

 0.0000, 0.0000,

0.3753

0.0000

238.1496, 0.3747,
0.3725

■ 26.9287, 0.4378,
0.4101

■ 26.9287, 0.4378,
0.4101

■ 24.5478, 0.4633,
0.4190

■ 29.5642, 0.4126,
0.3983

■ 22.4070, 0.4877,
0.4238

■ 32.4601, 0.3885,
0.3848

■ 20.4957, 0.5095,
0.4235

■ 35.6266, 0.3664,
0.3705

■ 18.7941, 0.5283,
0.4186

■ 39.0722, 0.3463,
0.3561

■ 18.7758, 0.5285,
0.4186

■ 42.8048, 0.3284,
0.3421

■ 46.8321, 0.3125,
0.3289

■ 51.1614, 0.2986,
0.3164

■ 55.7995, 0.2864,
0.3050

■ 60.7532, 0.2757,
0.2944

Harmonies

Analogous

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



26.9287, 0.4484, 0.3598



26.9287, 0.4378, 0.4101



26.9287, 0.3928, 0.4475

Triad

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



26.9287, 0.4378, 0.4101



26.9287, 0.2161, 0.3384



26.9287, 0.2841, 0.2342

Complementary

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



26.9287, 0.4378, 0.4101



18.9662, 0.2171, 0.2252

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.



26.9287, 0.2293, 0.2233



26.9287, 0.4378, 0.4101



26.9287, 0.1937, 0.2745

Square

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



26.9287, 0.4378, 0.4101



26.9287, 0.2645, 0.4092



26.9287, 0.1985, 0.2357



26.9287, 0.3537, 0.2644

Rectangle

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



26.9287, 0.4378, 0.4101



26.9287, 0.3514, 0.4553



26.9287, 0.1985, 0.2357



26.9287, 0.2635, 0.2282

Sweetspot

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



26.9300, 0.4378, 0.4101



71.8634, 0.3433, 0.3538



16.1651, 0.4063, 0.2595



15.4542, 0.3488, 0.3580



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.



26.9300, 0.4378, 0.4101



43.1585, 0.4716, 0.4211



43.4515, 0.3928, 0.4692



9.7957, 0.3275, 0.3414



13.3918, 0.5269, 0.4198



0.5943, 0.4921, 0.4475

Inverse Universe

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



18.9662, 0.2171, 0.2252



27.4684, 0.1987, 0.1973



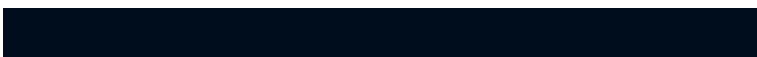
9.7073, 0.2009, 0.1407



9.3802, 0.2985, 0.3163



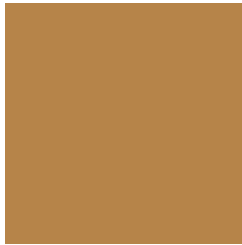
6.9387, 0.1741, 0.1466



0.3686, 0.1879, 0.1966

Previews

White Background



This preview shows how the Yxy color 26.9287, 0.4378, 0.4101 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 26.9287, 0.4378, 0.4101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

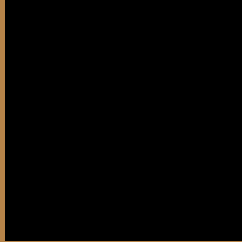
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9287, 0.4378, 0.4101

Background



This preview shows how black text looks on a background with the Yxy color 26.9287, 0.4378, 0.4101.



This preview shows how white text looks on a background with the Yxy color 26.9287, 0.4378, 0.4101.

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

26.9287, 0.4378, 0.4101

Protanopia

26.9357, 0.3959, 0.4319

Deuteranopia

26.9098, 0.4279, 0.4185



Tritanopia

26.9533, 0.3774, 0.3166

Trichromacy



Original Color

26.9287, 0.4378, 0.4101

Protanomaly

26.6843, 0.4107, 0.4235

Deuteranomaly

26.9831, 0.4323, 0.4158

Tritanomaly

26.9225, 0.4008, 0.3520

Monochromacy



Original Color

26.9287, 0.4378, 0.4101

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.1208, 0.3560, 0.3630

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9287, 0.4378, 0.4101 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, 73)` looks like.

```
.text, #text, p{  
    color:rgb(182, 132, 73)  
}
```

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, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 132, 73) }
```

Border

The CSS property to change the border of an element to Yxy 26.9287, 0.4378, 0.4101 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, 73) }
```

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

```
.border{ border-color:rgb(182, 132, 73) }
```

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, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 132, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 132, 73);  
box-shadow:4px 4px 4px 4px rgb(182, 132,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9287, 0.4378, 0.4101 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, 73) }
```

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

```
.background{ background-color: rgb(182,  
132, 73) }
```

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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