

Converting Colors

$Yxy(27.5444, 0.4094, 0.4149)$

Have a look what the booklet for
Yxy(27.5444, 0.4094, 0.4149)
contains.

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Color

Yxy(27.4943, 0.4088, 0.4151)

Conversions

Conversions Part 1

Format	Color
Hex	A98B51
RGB	169, 139, 81
RGB Percent	66%, 55%, 32%
CMY	0.3373, 0.4549, 0.6824
CMYK	0.00, 0.18, 0.52, 0.34
HSL	40°, 35%, 49%
HSV	40°, 52%, 66%
XYZ	27.0770, 27.4943, 11.6640
YIQ	141.3580, 36.4980, -11.6780

Conversions

Conversions Part 2

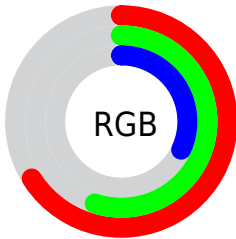
Format	Color
RYB	127, 169, 81
Decimal	11111249
CIELab	59.43, 3.87, 35.06
CIELCh	59, 35.277, 83.701
Yxy	27.4943, 0.4088, 0.4151
Android (android.graphics.Color)	4289301329 (0xFFA98B51)
YUV	141.3580, -29.7565, 24.2420
Hunter-Lab	52.4350, 0.4147, 23.5156

Details

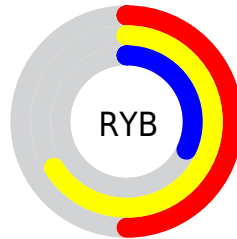
The Yxy color **27.4943, 0.4088, 0.4151** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **15.9755, 0.2256, 0.2220**, and the grayscale version is **26.8924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.5340, 0.3895, 0.3978**, and **10.9051, 0.4394, 0.4383** is the 20% darker color. If you saturate the color by 10%, you get **25.6493, 0.4298, 0.4288**, and if you desaturate by 10%, it is **29.4927, 0.3879, 0.3993**.

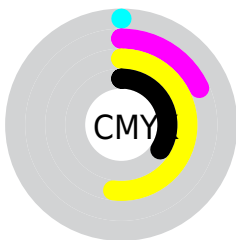
Distribution



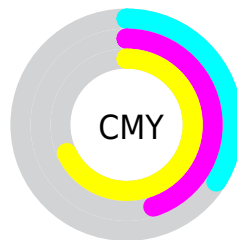
- Red (66%)
- Green (55%)
- Blue (32%)



- Red (50%)
- Yellow (66%)
- Blue (32%)



- Cyan (0%)
- Magenta (18%)
- Yellow (52%)
- Black (34%)





- Cyan (34%)
- Magenta (45%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4943, 0.4088, 0.4151 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 27.4943, 0.4088, 0.4151 by changing the saturation by 10% instead.


 27.4943, 0.4088,
0.4151


 27.4943, 0.4088,
0.4151


290.0425, 0.3577,
0.3703


 17.9448, 0.4220,
0.4262


 55.6760, 0.3898,
0.3987


 10.9104, 0.4387,
0.4398


 75.0771, 0.3827,
0.3926


 6.0066, 0.4600,
0.4563


 98.5308, 0.3768,
0.3874

 2.8491, 0.5061,
0.4939

 126.4215, 0.3718,
0.3829

 1.0535, 0.5133,
0.4867

 159.1336, 0.3675,
0.3791

 0.0000, 1.0000,
0.0000

197.0516, 0.3638,

 0.0000, 0.0000,

0.3758

0.0000

240.5597, 0.3606,
0.3729

■ 27.4943, 0.4088,
0.4151

■ 27.4943, 0.4088,
0.4151

■ 25.6493, 0.4298,
0.4288

■ 29.4927, 0.3879,
0.3993

■ 23.9479, 0.4499,
0.4393

■ 31.6463, 0.3678,
0.3825

■ 22.3843, 0.4683,
0.4456

■ 33.9616, 0.3489,
0.3653

■ 20.9508, 0.4838,
0.4470

■ 36.4433, 0.3316,
0.3484

■ 19.8937, 0.4946,
0.4455

■ 39.0961, 0.3158,
0.3322

■ 41.9244, 0.3016,
0.3170

■ 44.9323, 0.2889,
0.3027

■ 48.1238, 0.2776,
0.2895

■ 51.5027, 0.2675,
0.2774

Harmonies

Analogous

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



27.4943, 0.4299, 0.3752



27.4943, 0.4088, 0.4151



27.4943, 0.3625, 0.4360

Triad

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



27.4943, 0.4088, 0.4151



27.4943, 0.2184, 0.3145



27.4943, 0.3115, 0.2548

Complementary

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



27.4943, 0.4088, 0.4151



15.9755, 0.2256, 0.2220

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.



27.4943, 0.2573, 0.2382



27.4943, 0.4088, 0.4151



27.4943, 0.2077, 0.2667

Square

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



27.4943, 0.4088, 0.4151



27.4943, 0.2528, 0.3746



27.4943, 0.2212, 0.2412



27.4943, 0.3712, 0.2872

Rectangle

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



27.4943, 0.4088, 0.4151



27.4943, 0.3246, 0.4314



27.4943, 0.2212, 0.2412



27.4943, 0.2920, 0.2473

Sweetspot

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



27.4956, 0.4088, 0.4151



63.3705, 0.3387, 0.3555



15.4831, 0.4055, 0.2826



13.6226, 0.3421, 0.3588



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



27.4956, 0.4088, 0.4151



45.6176, 0.4319, 0.4300



36.0095, 0.3736, 0.4585



8.3370, 0.3270, 0.3438



14.9323, 0.4936, 0.4463



0.4525, 0.4637, 0.4700

Inverse Universe

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



15.9755, 0.2256, 0.2220



22.8566, 0.2072, 0.1944



11.1388, 0.2275, 0.1720



7.7028, 0.2986, 0.3137



4.4488, 0.1647, 0.1128



0.2028, 0.1838, 0.1815

Previews

White Background



This preview shows how the Yxy color 27.4943, 0.4088, 0.4151 looks on a white background.

Color Contrast Check

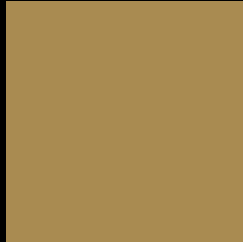
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4943, 0.4088, 0.4151 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 27.4943, 0.4088, 0.4151

Background



This preview shows how black text looks on a background with the Yxy color 27.4943, 0.4088, 0.4151.



This preview shows how white text looks on a background with the Yxy color 27.4943, 0.4088, 0.4151.

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

27.4943, 0.4088, 0.4151

Protanopia

27.4376, 0.3898, 0.4229

Deuteranopia

27.6145, 0.4164, 0.4085



Tritanopia

27.4542, 0.3503, 0.3144

Trichromacy



Original Color

27.4943, 0.4088, 0.4151

Protanomaly

27.5323, 0.3962, 0.4213

Deuteranomaly

27.6704, 0.4133, 0.4107

Tritanomaly

27.4547, 0.3724, 0.3517

Monochromacy



Original Color

27.4943, 0.4088, 0.4151

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.6674, 0.3470, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4943, 0.4088, 0.4151 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(169, 139, 81)` looks like.

```
.text, #text, p{  
    color:rgb(169, 139, 81)  
}
```

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(169, 139, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 139, 81) }
```

Border

The CSS property to change the border of an element to Yxy 27.4943, 0.4088, 0.4151 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(169, 139, 81) }
```

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

```
.border{ border-color:rgb(169, 139, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 139, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 139, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 139, 81);  
box-shadow:4px 4px 4px 4px rgb(169, 139,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4943, 0.4088, 0.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 139, 81) }
```

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

```
.background{ background-color: rgb(169,  
139, 81) }
```

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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