

Converting Colors

$Y_{xy}(26.7090, 0.3967, 0.4393)$

Have a look what the booklet for
Yxy(26.7090, 0.3967, 0.4393)
contains.

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Color

Yxy(26.6839, 0.3971, 0.4384)

Conversions

Conversions Part 1

Format	Color
Hex	9A8E48
RGB	154, 142, 72
RGB Percent	60%, 56%, 28%
CMY	0.3961, 0.4431, 0.7175
CMYK	0.00, 0.08, 0.53, 0.40
HSL	51°, 36%, 44%
HSV	51°, 53%, 60%
XYZ	24.1701, 26.6839, 10.0125
YIQ	137.6080, 29.6220, -19.2260

Conversions

Conversions Part 2

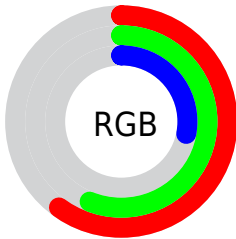
Format	Color
R _Y B	86, 154, 72
Decimal	10128968
CIE Lab	58.68, -5.12, 38.49
CIE LCh	59, 38.826, 97.585
Yxy	26.6839, 0.3971, 0.4384
Android (android.graphics.Color)	4288319048 (0xFF9A8E48)
YUV	137.6080, -32.3447, 14.3758
Hunter-Lab	51.6565, -6.8785, 24.6674

Details

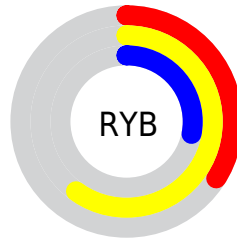
The Yxy color $26.6839, 0.3971, 0.4384$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $10.0574, 0.2178, 0.1875$, and the grayscale version is $25.3772, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.1370, 0.3816, 0.4165$, and $10.4829, 0.4216, 0.4728$ is the 20% darker color. If you saturate the color by 10%, you get $25.8445, 0.4118, 0.4548$, and if you desaturate by 10%, it is $27.5897, 0.3812, 0.4194$.

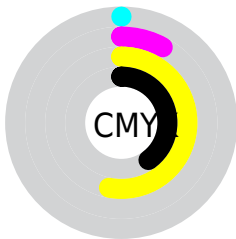
Distribution



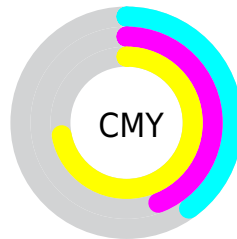
- Red (60%)
- Green (56%)
- Blue (28%)



- Red (34%)
- Yellow (60%)
- Blue (28%)



- Cyan (0%)
- Magenta (8%)
- Yellow (53%)
- Black (40%)





- Cyan (40%)
- Magenta (44%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6839, 0.3971, 0.4384 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 26.6839, 0.3971, 0.4384 by changing the saturation by 10% instead.


 26.6839, 0.3971,
0.4384


 26.6839, 0.3971,
0.4384


286.1233, 0.3532,
0.3797


 17.3360, 0.4077,
0.4536


 54.3762, 0.3811,
0.4165


 10.4743, 0.4206,
0.4727


 73.4894, 0.3751,
0.4084

 5.7146, 0.4360,
0.4973

 96.6264, 0.3700,
0.4016

 2.6723, 0.4612,
0.5388

 124.1717, 0.3656,
0.3959

 0.9631, 0.4501,
0.5499

 156.5096, 0.3619,
0.3910

 0.0000, 0.0000,
0.0000

194.0246, 0.3586,

0.3867

237.1011, 0.3557,
0.3830

■ 26.6839, 0.3971,
0.4384

■ 26.6839, 0.3971,
0.4384

■ 25.8445, 0.4118,
0.4548

■ 27.5897, 0.3812,
0.4194

■ 25.0639, 0.4246,
0.4679

■ 28.5617, 0.3648,
0.3989

■ 24.3388, 0.4351,
0.4768

■ 29.6044, 0.3484,
0.3776

■ 23.6640, 0.4429,
0.4814

■ 30.7207, 0.3325,
0.3563

■ 23.2261, 0.4473,
0.4831

■ 31.9133, 0.3174,
0.3355

■ 33.1850, 0.3033,
0.3157

■ 34.5382, 0.2902,
0.2971

■ 35.9752, 0.2783,
0.2798

■ 37.4982, 0.2674,
0.2638

Harmonies

Analogous

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



26.6839, 0.4357, 0.4006



26.6839, 0.3971, 0.4384



26.6839, 0.3380, 0.4473

Triad

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



26.6839, 0.3971, 0.4384



26.6839, 0.2003, 0.2849



26.6839, 0.3422, 0.2622

Complementary

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



26.6839, 0.3971, 0.4384



10.0574, 0.2178, 0.1875

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.



26.6839, 0.2769, 0.2355



26.6839, 0.3971, 0.4384



26.6839, 0.2012, 0.2438

Square

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



26.6839, 0.3971, 0.4384



26.6839, 0.2258, 0.3481



26.6839, 0.2274, 0.2282



26.6839, 0.4045, 0.3032

Rectangle

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



26.6839, 0.3971, 0.4384



26.6839, 0.2955, 0.4291



26.6839, 0.2274, 0.2282



26.6839, 0.3196, 0.2514

Sweetspot

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



26.6851, 0.3971, 0.4384



55.1635, 0.3374, 0.3628



12.1542, 0.4391, 0.3092



12.3981, 0.3404, 0.3669



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.6851, 0.3971, 0.4384



46.6475, 0.4146, 0.4578



27.9634, 0.3562, 0.4691



7.0688, 0.3263, 0.3478



18.9629, 0.4470, 0.4833



0.3204, 0.4331, 0.4943

Inverse Universe

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



10.0574, 0.2178, 0.1875



13.1860, 0.1953, 0.1508



9.7226, 0.2455, 0.1769



6.1651, 0.2988, 0.3094



2.4201, 0.1540, 0.0744



0.0689, 0.1687, 0.1274

Previews

White Background



This preview shows how the Yxy color 26.6839, 0.3971, 0.4384 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 26.6839, 0.3971, 0.4384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

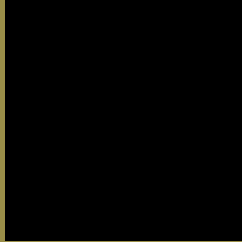
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6839, 0.3971, 0.4384

Background



This preview shows how black text looks on a background with the Yxy color 26.6839, 0.3971, 0.4384.



This preview shows how white text looks on a background with the Yxy color 26.6839, 0.3971, 0.4384.

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

26.6839, 0.3971, 0.4384

Protanopia

26.5856, 0.4003, 0.4361

Deuteranopia

26.7066, 0.4237, 0.4170



Tritanopia

26.6409, 0.3327, 0.3137

Trichromacy



Original Color

26.6839, 0.3971, 0.4384

Protanomaly

26.4862, 0.3991, 0.4366

Deuteranomaly

26.7650, 0.4138, 0.4257

Tritanomaly

26.4684, 0.3573, 0.3594

Monochromacy



Original Color

26.6839, 0.3971, 0.4384

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.6094, 0.3446, 0.3712

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6839, 0.3971, 0.4384 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(154, 142, 72)` looks like.

```
.text, #text, p{  
    color:rgb(154, 142, 72)  
}
```

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(154, 142, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 142, 72) }
```

Border

The CSS property to change the border of an element to Yxy 26.6839, 0.3971, 0.4384 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(154, 142, 72) }
```

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

```
.border{ border-color:rgb(154, 142, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 142, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 142, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 142, 72);  
box-shadow:4px 4px 4px 4px rgb(154, 142,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6839, 0.3971, 0.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 142, 72) }
```

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

```
.background{ background-color: rgb(154,  
142, 72) }
```

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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