

Converting Colors

$Y_{xy}(27.4703, 0.3824, 0.3987)$

Have a look what the booklet for
Yxy(27.4703, 0.3824, 0.3987)
contains.

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Color

Yxy(27.4713, 0.3828, 0.3994)

Conversions

Conversions Part 1

Format	Color
Hex	A18D60
RGB	161, 141, 96
RGB Percent	63%, 55%, 38%
CMY	0.3687, 0.4470, 0.6235
CMYK	0.00, 0.12, 0.40, 0.37
HSL	42°, 26%, 50%
HSV	42°, 40%, 63%
XYZ	26.3295, 27.4713, 14.9806
YIQ	141.8500, 26.3650, -9.7550

Conversions

Conversions Part 2

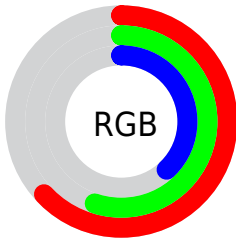
Format	Color
RYB	125, 161, 96
Decimal	10587488
CIELab	59.41, 0.91, 26.76
CIElCh	59, 26.780, 88.062
Yxy	27.4713, 0.3828, 0.3994
Android (android.graphics.Color)	4288777568 (0xFFA18D60)
YUV	141.8500, -22.6040, 16.7946
Hunter-Lab	52.4131, -2.0540, 19.7430

Details

The Yxy color $27.4713, 0.3828, 0.3994$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.5392, 0.2457, 0.2463$, and the grayscale version is $27.0704, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.4419, 0.3690, 0.3847$, and $10.8921, 0.4058, 0.4217$ is the 20% darker color. If you saturate the color by 10%, you get $25.7800, 0.4027, 0.4161$, and if you desaturate by 10%, it is $29.2910, 0.3636, 0.3818$.

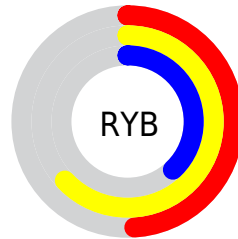
Distribution



Red (63%)

Green (55%)

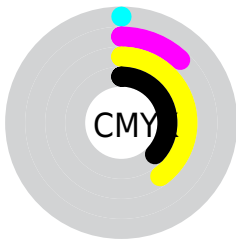
Blue (38%)



Red (49%)

Yellow (63%)

Blue (38%)

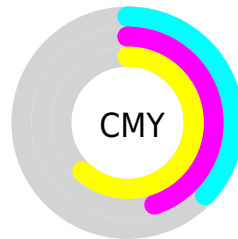


Cyan (0%)

Magenta (12%)

Yellow (40%)

Black (37%)



Cyan (37%)


Magenta (45%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4713, 0.3828, 0.3994 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 27.4713, 0.3828, 0.3994 by changing the saturation by 10% instead.


 27.4713, 0.3828,
0.3994


 27.4713, 0.3828,
0.3994


289.9319, 0.3452,
0.3618


 17.9275, 0.3929,
0.4094


 55.6392, 0.3686,
0.3852


 10.8979, 0.4061,
0.4224


 75.0322, 0.3634,
0.3800

 5.9983, 0.4238,
0.4397

 98.4769, 0.3591,
0.3757

 2.8440, 0.4538,
0.4690

 126.3579, 0.3554,
0.3721

 1.0508, 0.4935,
0.5065

159.0595, 0.3523,
0.3689

 0.0000, 0.0000,
0.0000

196.9661, 0.3496,

0.3662

240.4621, 0.3472,
0.3639

■ 27.4713, 0.3828,
0.3994

■ 27.4713, 0.3828,
0.3994

■ 25.7800, 0.4027,
0.4161

■ 29.2910, 0.3636,
0.3818

■ 24.2086, 0.4225,
0.4308

■ 31.2395, 0.3454,
0.3639

■ 22.7534, 0.4416,
0.4425

■ 33.3220, 0.3286,
0.3464

■ 21.4090, 0.4588,
0.4503

■ 35.5423, 0.3132,
0.3296

■ 20.1688, 0.4735,
0.4534

■ 37.9039, 0.2994,
0.3138

■ 19.0588, 0.4854,
0.4528

■ 40.4102, 0.2869,
0.2990

■ 43.0645, 0.2757,
0.2854

■ 45.8698, 0.2658,
0.2728

■ 48.8293, 0.2569,
0.2613

Harmonies

Analogous

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



27.4713, 0.4013, 0.3715



27.4713, 0.3828, 0.3994



27.4713, 0.3459, 0.4097

Triad

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



27.4713, 0.3828, 0.3994



27.4713, 0.2372, 0.3130



27.4713, 0.3190, 0.2740

Complementary

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



27.4713, 0.3828, 0.3994



17.5392, 0.2457, 0.2463

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.



27.4713, 0.2758, 0.2589



27.4713, 0.3828, 0.3994



27.4713, 0.2312, 0.2780

Square

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



27.4713, 0.3828, 0.3994



27.4713, 0.2622, 0.3571



27.4713, 0.2447, 0.2596



27.4713, 0.3633, 0.3015

Rectangle

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



27.4713, 0.3828, 0.3994



27.4713, 0.3165, 0.4025



27.4713, 0.2447, 0.2596



27.4713, 0.3038, 0.2674

Sweetspot

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



27.4726, 0.3828, 0.3994



58.9878, 0.3316, 0.3496



17.2139, 0.3795, 0.2961



12.8376, 0.3336, 0.3517



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.4726, 0.3828, 0.3994



46.6178, 0.3998, 0.4137



32.7188, 0.3590, 0.4310



7.8684, 0.3269, 0.3445



15.3022, 0.4848, 0.4533



0.3991, 0.4563, 0.4759

Inverse Universe

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



17.5392, 0.2457, 0.2463



26.4702, 0.2304, 0.2250



14.1203, 0.2526, 0.2125



7.1983, 0.2987, 0.3130



3.9048, 0.1624, 0.1046



0.1622, 0.1824, 0.1767

Previews

White Background



This preview shows how the Yxy color 27.4713, 0.3828, 0.3994 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 27.4713, 0.3828, 0.3994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

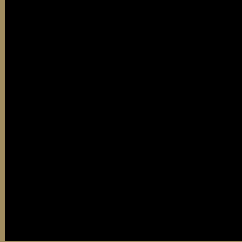
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4713, 0.3828, 0.3994

Background



This preview shows how black text looks on a background with the Yxy color 27.4713, 0.3828, 0.3994.



This preview shows how white text looks on a background with the Yxy color 27.4713, 0.3828, 0.3994.

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

27.4713, 0.3828, 0.3994

Protanopia

27.4766, 0.3736, 0.4026

Deuteranopia

27.4123, 0.3961, 0.3892



Tritanopia

27.4793, 0.3371, 0.3140

Trichromacy



Original Color

27.4713, 0.3828, 0.3994

Protanomaly

27.3772, 0.3765, 0.4005

Deuteranomaly

27.2555, 0.3907, 0.3917

Tritanomaly

27.3161, 0.3543, 0.3446

Monochromacy



Original Color

27.4713, 0.3828, 0.3994

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.2162, 0.3378, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4713, 0.3828, 0.3994 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(161, 141, 96)` looks like.

```
.text, #text, p{  
    color:rgb(161, 141, 96)  
}
```

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(161, 141, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 141, 96) }
```

Border

The CSS property to change the border of an element to Yxy 27.4713, 0.3828, 0.3994 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(161, 141, 96) }
```

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

```
.border{ border-color:rgb(161, 141, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 141, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 141, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 141, 96);  
box-shadow:4px 4px 4px 4px rgb(161, 141,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4713, 0.3828, 0.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 141, 96) }
```

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

```
.background{ background-color: rgb(161,  
141, 96) }
```

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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