

Converting Colors

$Y_{xy}(27.4015, 0.3834, 0.3966)$

Have a look what the booklet for
Yxy(27.4015, 0.3834, 0.3966)
contains.

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Color

Yxy(27.3006, 0.3836, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	A28C61
RGB	162, 140, 97
RGB Percent	64%, 55%, 38%
CMY	0.3646, 0.4510, 0.6196
CMYK	0.00, 0.14, 0.40, 0.36
HSL	40°, 26%, 51%
HSV	40°, 40%, 64%
XYZ	26.4391, 27.3006, 15.1838
YIQ	141.6760, 26.9150, -8.7090

Conversions

Conversions Part 2

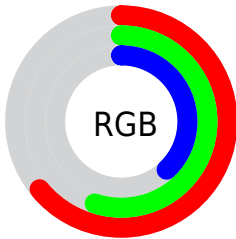
Format	Color
R_{YB}	130, 162, 97
Decimal	10652769
CIE _{Lab}	59.25, 2.03, 26.03
CIE _{LCh}	59, 26.109, 85.537
Yxy	27.3006, 0.3836, 0.3961
Android (android.graphics.Color)	4288842849 (0xFFA28C61)
YUV	141.6760, -22.0253, 17.8241
Hunter-Lab	52.2500, -1.1145, 19.3453

Details

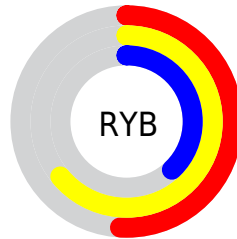
The Yxy color $27.3006, 0.3836, 0.3961$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.3489, 0.2467, 0.2507$, and the grayscale version is $26.9974, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.1835, 0.3694, 0.3822$, and $10.7938, 0.4072, 0.4171$ is the 20% darker color. If you saturate the color by 10%, you get $25.4659, 0.4043, 0.4122$, and if you desaturate by 10%, it is $29.2796, 0.3638, 0.3791$.

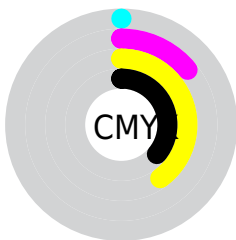
Distribution



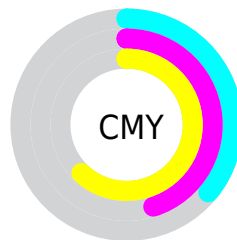
- Red (64%)
- Green (55%)
- Blue (38%)



- Red (51%)
- Yellow (64%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3006, 0.3836, 0.3961 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 27.3006, 0.3836, 0.3961 by changing the saturation by 10% instead.


 27.3006, 0.3836,
0.3961


 27.3006, 0.3836,
0.3961


289.1096, 0.3454,
0.3603


 17.7991, 0.3939,
0.4056


 55.3659, 0.3691,
0.3826

 10.8059, 0.4074,
0.4179


 74.6984, 0.3638,
0.3777

 5.9364, 0.4258,
0.4343

 98.0768, 0.3595,
0.3736

 2.8065, 0.4563,
0.4614

 125.8854, 0.3558,
0.3701

 1.0315, 0.5012,
0.4988

158.5085, 0.3526,
0.3671

 0.0000, 0.0000,
0.0000

196.3307, 0.3499,

0.3645

239.7363, 0.3475,
0.3623

■ 27.3006, 0.3836,
0.3961

■ 27.3006, 0.3836,
0.3961

■ 25.4659, 0.4043,
0.4122

■ 29.2796, 0.3638,
0.3791

■ 23.7667, 0.4252,
0.4264

■ 31.4036, 0.3453,
0.3620

■ 22.1990, 0.4454,
0.4376

■ 33.6782, 0.3283,
0.3452

■ 20.7566, 0.4641,
0.4449

■ 36.1076, 0.3129,
0.3292

■ 19.4329, 0.4802,
0.4475

■ 38.6955, 0.2991,
0.3141

■ 18.2291, 0.4938,
0.4461

■ 41.4458, 0.2867,
0.3001

■ 44.3619, 0.2756,
0.2871

■ 47.4472, 0.2658,
0.2752

■ 50.7052, 0.2571,
0.2643

Harmonies

Analogous

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



27.3006, 0.3997, 0.3679



27.3006, 0.3836, 0.3961



27.3006, 0.3487, 0.4079

Triad

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



27.3006, 0.3836, 0.3961



27.3006, 0.2402, 0.3169



27.3006, 0.3151, 0.2734

Complementary

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



27.3006, 0.3836, 0.3961



18.3489, 0.2467, 0.2507

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.



27.3006, 0.2735, 0.2598



27.3006, 0.3836, 0.3961



27.3006, 0.2327, 0.2815

Square

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



27.3006, 0.3836, 0.3961



27.3006, 0.2662, 0.3600



27.3006, 0.2443, 0.2620



27.3006, 0.3588, 0.2995

Rectangle

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



27.3006, 0.3836, 0.3961



27.3006, 0.3201, 0.4022



27.3006, 0.2443, 0.2620



27.3006, 0.3004, 0.2673

Sweetspot

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



27.3019, 0.3836, 0.3961



60.2353, 0.3317, 0.3487



17.5823, 0.3757, 0.2929



13.4135, 0.3338, 0.3507



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



27.3019, 0.3836, 0.3961



46.6115, 0.4017, 0.4103



33.4125, 0.3611, 0.4296



7.8312, 0.3269, 0.3438



14.4391, 0.4930, 0.4468



0.3854, 0.4607, 0.4724

Inverse Universe

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



18.3489, 0.2467, 0.2507



28.1430, 0.2313, 0.2298



14.2682, 0.2506, 0.2125



7.2339, 0.2987, 0.3137



4.2711, 0.1646, 0.1126



0.1744, 0.1850, 0.1859

Previews

White Background



This preview shows how the Yxy color 27.3006, 0.3836, 0.3961 looks on a white background.

Color Contrast Check

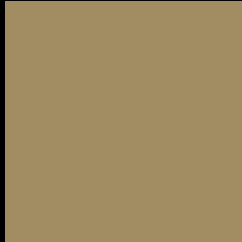
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3006, 0.3836, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

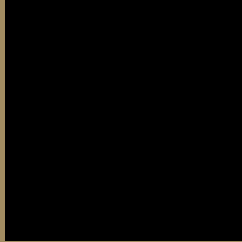
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3006, 0.3836, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 27.3006, 0.3836, 0.3961.



This preview shows how white text looks on a background with the Yxy color 27.3006, 0.3836, 0.3961.

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

27.3006, 0.3836, 0.3961

Protanopia

27.3968, 0.3714, 0.4014

Deuteranopia

27.4311, 0.3950, 0.3877



Tritanopia

27.2793, 0.3395, 0.3140

Trichromacy



Original Color

27.3006, 0.3836, 0.3961

Protanomaly

27.3959, 0.3755, 0.3990

Deuteranomaly

27.3836, 0.3908, 0.3900

Tritanomaly

27.1400, 0.3558, 0.3430

Monochromacy



Original Color

27.3006, 0.3836, 0.3961

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.9457, 0.3370, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3006, 0.3836, 0.3961 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(162, 140, 97)` looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 97)  
}
```

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(162, 140, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 97) }
```

Border

The CSS property to change the border of an element to Yxy 27.3006, 0.3836, 0.3961 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(162, 140, 97) }
```

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

```
.border{ border-color:rgb(162, 140, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 97);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3006, 0.3836, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 97) }
```

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

```
.background{ background-color: rgb(162,  
140, 97) }
```

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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