

Converting Colors

$Y_{xy}(28.8350, 0.3791, 0.3800)$

Have a look what the booklet for
Yxy(28.8350, 0.3791, 0.3800)
contains.

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Color

Yxy(28.8637, 0.3789, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	A98E6C
RGB	169, 142, 108
RGB Percent	66%, 56%, 42%
CMY	0.3373, 0.4431, 0.5764
CMYK	0.00, 0.16, 0.36, 0.34
HSL	33°, 26%, 54%
HSV	33°, 36%, 66%
XYZ	28.7423, 28.8637, 18.2513
YIQ	146.1970, 27.0060, -4.8500

Conversions

Conversions Part 2

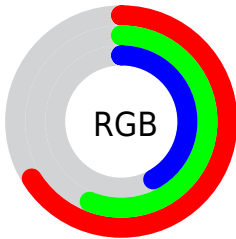
Format	Color
R_{YB}	156, 169, 108
Decimal	11112044
CIE _{Lab}	60.66, 5.17, 21.90
CIE _{LCh}	61, 22.502, 76.714
Yxy	28.8637, 0.3789, 0.3805
Android (android.graphics.Color)	4289302124 (0xFFA98E6C)
YUV	146.1970, -18.8311, 19.9982
Hunter-Lab	53.7249, 1.4771, 17.4657

Details

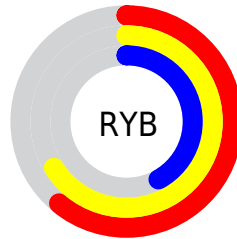
The Yxy color $28.8637, 0.3789, 0.3805$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $23.3877, 0.2551, 0.2710$, and the grayscale version is $28.9013, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.0255, 0.3648, 0.3705$, and $11.6935, 0.4023, 0.3971$ is the 20% darker color. If you saturate the color by 10%, you get $26.3870, 0.4017, 0.3948$, and if you desaturate by 10%, it is $31.5623, 0.3579, 0.3658$.

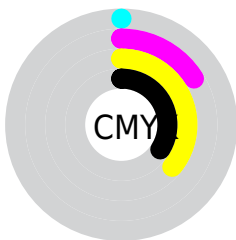
Distribution



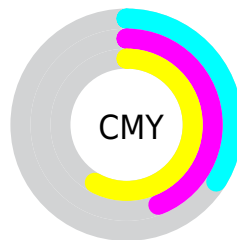
- Red (66%)
- Green (56%)
- Blue (42%)



- Red (61%)
- Yellow (66%)
- Blue (42%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (34%)





- Cyan (34%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.8637, 0.3789, 0.3805 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 28.8637, 0.3789, 0.3805 by changing the saturation by 10% instead.


 28.8637, 0.3789,
0.3805


 28.8637, 0.3789,
0.3805


296.5713, 0.3432,
0.3534


 18.9777, 0.3886,
0.3876


 57.8605, 0.3653,
0.3704


 11.6542, 0.4015,
0.3967


 77.7400, 0.3604,
0.3667

 6.5087, 0.4194,
0.4089


 101.7196, 0.3563,
0.3636

 3.1568, 0.4453,
0.4254

 130.1836, 0.3529,
0.3609

 1.2141, 0.5203,
0.4797

163.5164, 0.3499,
0.3586

 0.0732, 0.7279,
0.2721

202.1023, 0.3474,

 0.0000, 0.0000,

0.3567

0.0000

246.3258, 0.3452,
0.3549

■ 28.8637, 0.3789,
0.3805

■ 28.8637, 0.3789,
0.3805

■ 26.3870, 0.4017,
0.3948

■ 31.5623, 0.3579,
0.3658

■ 24.1213, 0.4259,
0.4077

■ 34.4853, 0.3389,
0.3512

■ 22.0603, 0.4506,
0.4182

■ 37.6402, 0.3220,
0.3372

■ 20.1961, 0.4748,
0.4251

■ 41.0331, 0.3071,
0.3239

■ 18.5195, 0.4969,
0.4274

■ 44.6695, 0.2939,
0.3115

■ 17.0195, 0.5159,
0.4246

■ 48.5549, 0.2823,
0.3001

■ 16.4716, 0.5231,
0.4228

■ 52.6945, 0.2721,
0.2896

■ 57.0935, 0.2631,
0.2800

■ 61.4222, 0.2579,
0.2765

Harmonies

Analogous

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



28.8637, 0.3862, 0.3544



28.8637, 0.3789, 0.3805



28.8637, 0.3535, 0.3946

Triad

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



28.8637, 0.3789, 0.3805



28.8637, 0.2560, 0.3297



28.8637, 0.3040, 0.2766

Complementary

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



28.8637, 0.3789, 0.3805



23.3877, 0.2551, 0.2710

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.



28.8637, 0.2708, 0.2688



28.8637, 0.3789, 0.3805



28.8637, 0.2444, 0.2968

Square

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



28.8637, 0.3789, 0.3805



28.8637, 0.2824, 0.3650



28.8637, 0.2497, 0.2754



28.8637, 0.3415, 0.2964

Rectangle

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



28.8637, 0.3789, 0.3805



28.8637, 0.3303, 0.3937



28.8637, 0.2497, 0.2754



28.8637, 0.2920, 0.2725

Sweetspot

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



28.8650, 0.3789, 0.3805



64.4696, 0.3304, 0.3443



20.9279, 0.3589, 0.2874



13.8942, 0.3326, 0.3461



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.



28.8650, 0.3789, 0.3805



48.2502, 0.3963, 0.3916



37.5587, 0.3628, 0.4178



8.2096, 0.3272, 0.3416



12.3850, 0.5218, 0.4239



0.4008, 0.4798, 0.4572

Inverse Universe

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



23.3877, 0.2551, 0.2710



37.0358, 0.2424, 0.2561



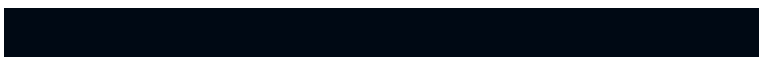
16.9800, 0.2516, 0.2238



7.8267, 0.2987, 0.3161



5.9706, 0.1729, 0.1423



0.2480, 0.1911, 0.2080

Previews

White Background



This preview shows how the Yxy color 28.8637, 0.3789, 0.3805 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 28.8637, 0.3789, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

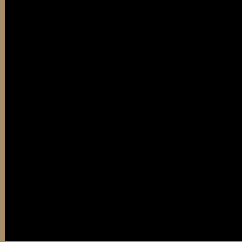
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8637, 0.3789, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 28.8637, 0.3789, 0.3805.



This preview shows how white text looks on a background with the Yxy color 28.8637, 0.3789, 0.3805.

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

28.8637, 0.3789, 0.3805

Protanopia

28.8517, 0.3612, 0.3860

Deuteranopia

28.7231, 0.3846, 0.3768



Tritanopia

28.8821, 0.3424, 0.3145

Trichromacy



Original Color

28.8637, 0.3789, 0.3805

Protanomaly

28.9320, 0.3672, 0.3852

Deuteranomaly

28.9031, 0.3829, 0.3784

Tritanomaly

28.9293, 0.3562, 0.3381

Monochromacy



Original Color

28.8637, 0.3789, 0.3805

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.7868, 0.3354, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8637, 0.3789, 0.3805 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, 142, 108)` looks like.

```
.text, #text, p{  
    color:rgb(169, 142, 108)  
}
```

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, 142, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 142, 108) }
```

Border

The CSS property to change the border of an element to Yxy 28.8637, 0.3789, 0.3805 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, 142, 108) }
```

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

```
.border{ border-color:rgb(169, 142, 108) }
```

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

Here you see how a box with a 4 pixel rgb(169, 142, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 142, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 142, 108);  
box-shadow:4px 4px 4px 4px rgb(169, 142,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8637, 0.3789, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 142, 108) }
```

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

```
.background{ background-color: rgb(169,  
142, 108) }
```

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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