

Converting Colors

$Y_{xy}(28.0111, 0.3702, 0.3606)$

Have a look what the booklet for
Yxy(28.0111, 0.3702, 0.3606)
contains.

Yxy(27.9200, 0.3698, 0.3595)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.9200, 0.3698, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	A98A76
RGB	169, 138, 118
RGB Percent	66%, 54%, 46%
CMY	0.3373, 0.4588, 0.5371
CMYK	0.00, 0.18, 0.30, 0.34
HSL	24°, 23%, 56%
HSV	24°, 30%, 66%
XYZ	28.7199, 27.9200, 21.0235
YIQ	144.9890, 24.8960, 0.3520

Conversions

Conversions Part 2

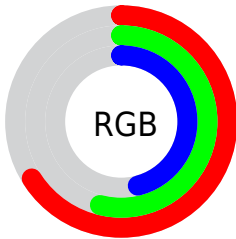
Format	Color
R_{YB}	169, 151, 118
Decimal	11111030
CIE _{Lab}	59.82, 8.73, 15.12
CIE _{LCh}	60, 17.458, 60.015
Yxy	27.9200, 0.3698, 0.3595
Android (android.graphics.Color)	4289301110 (0xFFA98A76)
YUV	144.9890, -13.3056, 21.0576
Hunter-Lab	52.8394, 4.5517, 13.3975

Details

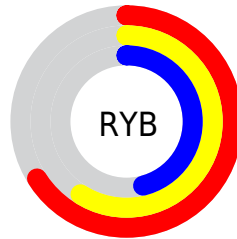
The Yxy color $27.9200, 0.3698, 0.3595$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $28.2153, 0.2665, 0.2963$, and the grayscale version is $28.3591, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1714, 0.3581, 0.3533$, and $11.1346, 0.3900, 0.3680$ is the 20% darker color. If you saturate the color by 10%, you get $24.7447, 0.3948, 0.3700$, and if you desaturate by 10%, it is $31.4488, 0.3480, 0.3490$.

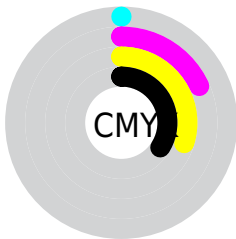
Distribution



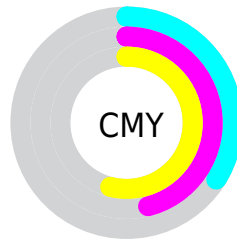
- Red (66%)
- Green (54%)
- Blue (46%)



- Red (66%)
- Yellow (59%)
- Blue (46%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (34%)





- Cyan (34%)
- Magenta (46%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9200, 0.3698, 0.3595 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 27.9200, 0.3698, 0.3595 by changing the saturation by 10% instead.


 27.9200, 0.3698,
0.3595


 27.9200, 0.3698,
0.3595


292.0844, 0.3386,
0.3436


 18.2654, 0.3785,
0.3637


 56.3567, 0.3578,
0.3536

 11.1407, 0.3903,
0.3690


 75.9075, 0.3535,
0.3514

 6.1615, 0.4072,
0.3763

 99.5259, 0.3500,
0.3495

 2.9436, 0.4328,
0.3861

127.5962, 0.3470,
0.3480

 1.1023, 0.5168,
0.4336

160.5028, 0.3444,
0.3466

 0.0000, 1.0000,
0.0000

198.6301, 0.3422,

 0.0000, 0.0000,

0.3455

0.0000

242.3625, 0.3403,
0.3445

■ 27.9200, 0.3698,
0.3595

■ 27.9200, 0.3698,
0.3595

■ 24.7447, 0.3948,
0.3700

■ 31.4488, 0.3480,
0.3490

■ 21.9074, 0.4228,
0.3799

■ 35.3381, 0.3291,
0.3388

■ 19.3972, 0.4535,
0.3882


■ 39.5997, 0.3129,
0.3291


■ 17.2010, 0.4856,
0.3938


■ 44.2436, 0.2991,
0.3202

■ 15.3046, 0.5173,
0.3954

■ 49.2793, 0.2872,
0.3120

 13.6924, 0.5461,
0.3922

 54.7161, 0.2769,
0.3044

 12.3596, 0.5708,
0.3850

 60.5629, 0.2681,
0.2975

 66.8283, 0.2605,
0.2912

 72.5085, 0.2611,
0.3013

Harmonies

Analogous

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



27.9200, 0.3661, 0.3363



27.9200, 0.3698, 0.3595



27.9200, 0.3575, 0.3761

Triad

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



27.9200, 0.3698, 0.3595



27.9200, 0.2785, 0.3454



27.9200, 0.2905, 0.2824

Complementary

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



27.9200, 0.3698, 0.3595



28.2153, 0.2665, 0.2963

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.



27.9200, 0.2688, 0.2828



27.9200, 0.3698, 0.3595



27.9200, 0.2621, 0.3178

Square

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



27.9200, 0.3698, 0.3595



27.9200, 0.3043, 0.3691



27.9200, 0.2586, 0.2951



27.9200, 0.3192, 0.2932

Rectangle

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



27.9200, 0.3698, 0.3595



27.9200, 0.3423, 0.3806



27.9200, 0.2586, 0.2951



27.9200, 0.2822, 0.2812

Sweetspot

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



27.9213, 0.3698, 0.3595



64.0280, 0.3274, 0.3378



23.5816, 0.3387, 0.2822



13.7319, 0.3299, 0.3392



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.



27.9213, 0.3698, 0.3595



46.2512, 0.3856, 0.3664



35.9516, 0.3595, 0.3949



8.0068, 0.3276, 0.3379



9.3112, 0.5689, 0.3865



0.3266, 0.5094, 0.4338

Inverse Universe

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



28.2153, 0.2665, 0.2963



46.8517, 0.2567, 0.2880



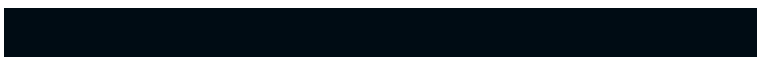
21.1264, 0.2618, 0.2532



8.0308, 0.2987, 0.3199



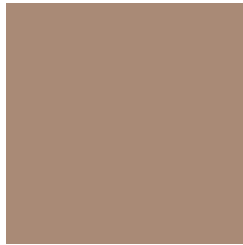
9.4330, 0.1882, 0.1976



0.3247, 0.2017, 0.2460

Previews

White Background



This preview shows how the Yxy color 27.9200, 0.3698, 0.3595 looks on a white background.

Color Contrast Check

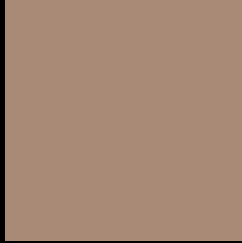
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9200, 0.3698, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

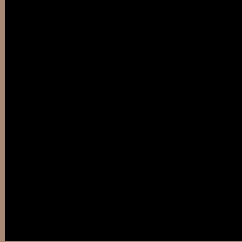
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9200, 0.3698, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 27.9200, 0.3698, 0.3595.



This preview shows how white text looks on a background with the Yxy color 27.9200, 0.3698, 0.3595.

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

27.9200, 0.3698, 0.3595

Protanopia

28.0024, 0.3448, 0.3661

Deuteranopia

27.9887, 0.3671, 0.3613



Tritanopia

27.8652, 0.3441, 0.3129

Trichromacy



Original Color

27.9200, 0.3698, 0.3595

Protanomaly

27.9712, 0.3534, 0.3639

Deuteranomaly

28.0981, 0.3683, 0.3611

Tritanomaly

27.7351, 0.3540, 0.3291

Monochromacy



Original Color

27.9200, 0.3698, 0.3595

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9653, 0.3329, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9200, 0.3698, 0.3595 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, 138, 118)` looks like.

```
.text, #text, p{  
    color:rgb(169, 138, 118)  
}
```

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, 138, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 138, 118) }
```

Border

The CSS property to change the border of an element to Yxy 27.9200, 0.3698, 0.3595 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, 138, 118) }
```

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

```
.border{ border-color:rgb(169, 138, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 138, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 138, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 138, 118);  
box-shadow:4px 4px 4px 4px rgb(169, 138,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9200, 0.3698, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 138, 118) }
```

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

```
.background{ background-color: rgb(169,  
138, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor