

Converting Colors

$Y_{xy}(28.5165, 0.3691, 0.3686)$

Have a look what the booklet for
Yxy(28.5165, 0.3691, 0.3686)
contains.

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Color

Yxy(28.5030, 0.3695, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	A78D73
RGB	167, 141, 115
RGB Percent	65%, 55%, 45%
CMY	0.3452, 0.4470, 0.5491
CMYK	0.00, 0.16, 0.31, 0.35
HSL	30°, 23%, 55%
HSV	30°, 31%, 65%
XYZ	28.5494, 28.5030, 20.2125
YIQ	145.8100, 23.8420, -2.5740

Conversions

Conversions Part 2

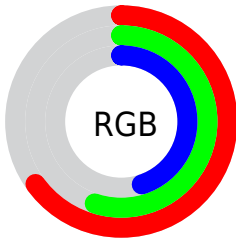
Format	Color
R_{YB}	167, 167, 115
Decimal	10980723
CIE _{Lab}	60.34, 5.80, 17.53
CIE _{LCh}	60, 18.466, 71.692
Yxy	28.5030, 0.3695, 0.3689
Android (android.graphics.Color)	4289170803 (0xFFA78D73)
YUV	145.8100, -15.1893, 18.5836
Hunter-Lab	53.3882, 2.0236, 14.9249

Details

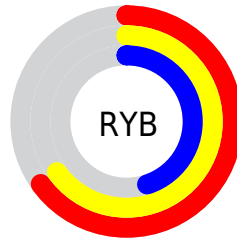
The Yxy color **28.5030, 0.3695, 0.3689** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.4626, 0.2640, 0.2854**, and the grayscale version is **28.7177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5082, 0.3578, 0.3615**, and **11.4648, 0.3889, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **25.7876, 0.3925, 0.3821**, and if you desaturate by 10%, it is **31.4756, 0.3488, 0.3556**.

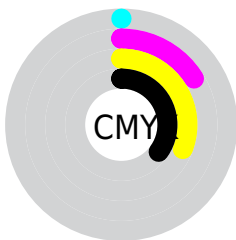
Distribution



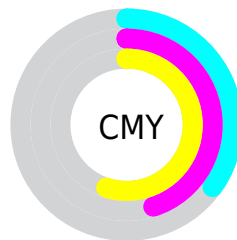
- Red (65%)
- Green (55%)
- Blue (45%)



- Red (65%)
- Yellow (65%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (35%)





- Cyan (35%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5030, 0.3695, 0.3689 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 28.5030, 0.3695, 0.3689 by changing the saturation by 10% instead.


 28.5030, 0.3695,
0.3689


 28.5030, 0.3695,
0.3689


294.8627, 0.3387,
0.3478


 18.7052, 0.3780,
0.3745


 57.2865, 0.3577,
0.3610

 11.4574, 0.3895,
0.3817


 77.0410, 0.3535,
0.3581

 6.3754, 0.4056,
0.3916

 100.8831, 0.3499,
0.3557

 3.0747, 0.4297,
0.4054

129.1973, 0.3470,
0.3536

 1.1708, 0.5203,
0.4714

162.3680, 0.3445,
0.3519

 0.0377, 0.8248,
0.1752

200.7795, 0.3423,

 0.0000, 0.0000,

0.3504

0.0000

244.8163, 0.3404,
0.3490

■ 28.5030, 0.3695,
0.3689

■ 28.5030, 0.3695,
0.3689

■ 25.7876, 0.3925,
0.3821

■ 31.4756, 0.3488,
0.3556

■ 23.3178, 0.4177,
0.3945

■ 34.7089, 0.3305,
0.3426

■ 21.0864, 0.4443,
0.4051

■ 38.2113, 0.3144,
0.3303


■ 19.0846, 0.4714,
0.4128

■ 41.9894, 0.3003,
0.3188


■ 17.3027, 0.4975,
0.4163

■ 46.0498, 0.2881,
0.3082


 15.7298, 0.5209,
0.4148

 50.3988, 0.2774,
0.2984

 14.4934, 0.5394,
0.4099

 55.0422, 0.2680,
0.2894

 59.9860, 0.2599,
0.2812

 64.5575, 0.2578,
0.2843

Harmonies

Analogous

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



28.5030, 0.3724, 0.3464



28.5030, 0.3695, 0.3689



28.5030, 0.3509, 0.3821

Triad

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



28.5030, 0.3695, 0.3689



28.5030, 0.2686, 0.3348



28.5030, 0.3006, 0.2834

Complementary

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



28.5030, 0.3695, 0.3689



25.4626, 0.2640, 0.2854

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.



28.5030, 0.2742, 0.2789



28.5030, 0.3695, 0.3689



28.5030, 0.2565, 0.3069

Square

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



28.5030, 0.3695, 0.3689



28.5030, 0.2925, 0.3626



28.5030, 0.2585, 0.2869



28.5030, 0.3315, 0.2985

Rectangle

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



28.5030, 0.3695, 0.3689



28.5030, 0.3326, 0.3828



28.5030, 0.2585, 0.2869



28.5030, 0.2910, 0.2806

Sweetspot

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



28.5043, 0.3695, 0.3689



63.3874, 0.3272, 0.3402



22.3925, 0.3473, 0.2895



13.9928, 0.3295, 0.3419



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.



28.5043, 0.3695, 0.3689



47.8396, 0.3843, 0.3776



37.0731, 0.3587, 0.4050



8.1398, 0.3274, 0.3403



11.1938, 0.5379, 0.4111



0.3747, 0.4892, 0.4498

Inverse Universe

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



25.4626, 0.2640, 0.2854



41.5579, 0.2535, 0.2745



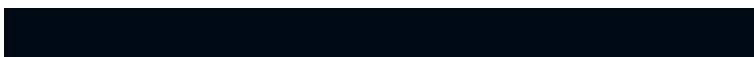
18.6913, 0.2588, 0.2398



7.8960, 0.2987, 0.3174



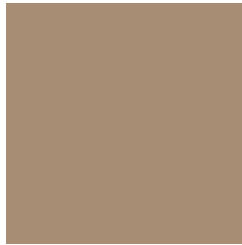
7.0095, 0.1779, 0.1604



0.2730, 0.1948, 0.2212

Previews

White Background



This preview shows how the Yxy color 28.5030, 0.3695, 0.3689 looks on a white background.

Color Contrast Check

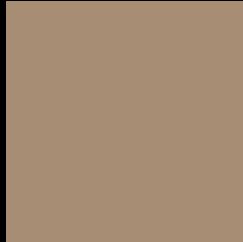
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5030, 0.3695, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

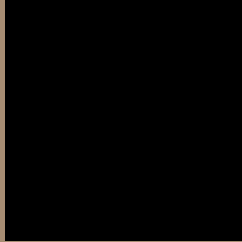
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5030, 0.3695, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 28.5030, 0.3695, 0.3689.



This preview shows how white text looks on a background with the Yxy color 28.5030, 0.3695, 0.3689.

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

28.5030, 0.3695, 0.3689

Protanopia

28.5037, 0.3521, 0.3737

Deuteranopia

28.5400, 0.3735, 0.3669



Tritanopia

28.6558, 0.3401, 0.3143

Trichromacy



Original Color

28.5030, 0.3695, 0.3689

Protanomaly

28.5784, 0.3580, 0.3731

Deuteranomaly

28.4290, 0.3723, 0.3671

Tritanomaly

28.4723, 0.3520, 0.3336

Monochromacy



Original Color

28.5030, 0.3695, 0.3689

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.5658, 0.3325, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5030, 0.3695, 0.3689 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(167, 141, 115)` looks like.

```
.text, #text, p{  
    color:rgb(167, 141, 115)  
}
```

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(167, 141, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 141, 115) }
```

Border

The CSS property to change the border of an element to Yxy 28.5030, 0.3695, 0.3689 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(167, 141, 115) }
```

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

```
.border{ border-color:rgb(167, 141, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 141, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 141, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 141, 115);  
box-shadow:4px 4px 4px 4px rgb(167, 141,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5030, 0.3695, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 141, 115) }
```

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

```
.background{ background-color: rgb(167,  
141, 115) }
```

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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