

Converting Colors

$Y_{xy}(28.7099, 0.3733, 0.3720)$

Have a look what the booklet for
Yxy(28.7099, 0.3733, 0.3720)
contains.

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Color

$Yxy(28.6770, 0.3740, 0.3716)$

Conversions

Conversions Part 1

Format	Color
Hex	A98D71
RGB	169, 141, 113
RGB Percent	66%, 55%, 44%
CMY	0.3374, 0.4470, 0.5569
CMYK	0.00, 0.17, 0.33, 0.34
HSL	30°, 25%, 55%
HSV	30°, 33%, 66%
XYZ	28.8622, 28.6770, 19.6325
YIQ	146.1800, 25.6760, -2.7720

Conversions

Conversions Part 2

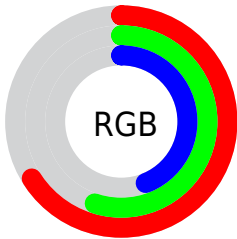
Format	Color
R_{YB}	169, 169, 113
Decimal	11111793
CIE _{Lab}	60.50, 6.35, 18.90
CIE _{LCh}	60, 19.939, 71.426
Yxy	28.6770, 0.3740, 0.3716
Android (android.graphics.Color)	4289301873 (0xFFA98D71)
YUV	146.1800, -16.3577, 20.0131
Hunter-Lab	53.5509, 2.4916, 15.7491

Details

The Yxy color $28.6770, 0.3740, 0.3716$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $25.4053, 0.2607, 0.2820$, and the grayscale version is $28.8820, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.7544, 0.3611, 0.3636$, and $11.5768, 0.3955, 0.3848$ is the 20% darker color. If you saturate the color by 10%, you get $25.9381, 0.3975, 0.3847$, and if you desaturate by 10%, it is $31.6790, 0.3528, 0.3583$.

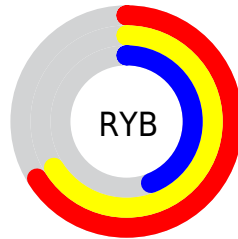
Distribution



Red (66%)

Green (55%)

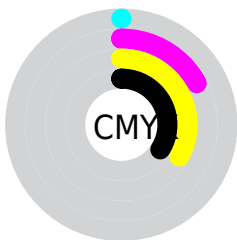
Blue (44%)



Red (66%)

Yellow (66%)

Blue (44%)

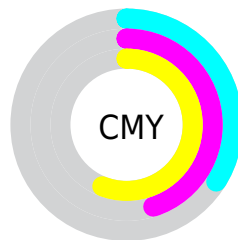


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (34%)



Cyan (34%)


Magenta (45%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6770, 0.3740, 0.3716 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 28.6770, 0.3740, 0.3716 by changing the saturation by 10% instead.


 28.6770, 0.3740,
0.3716


 28.6770, 0.3740,
0.3716


295.6879, 0.3408,
0.3492

 18.8366, 0.3831,
0.3775


 57.5635, 0.3613,
0.3632

 11.5523, 0.3954,
0.3851


 77.3784, 0.3567,
0.3602

 6.4396, 0.4126,
0.3953


 101.2870, 0.3529,
0.3576

 3.1142, 0.4381,
0.4093

 129.6735, 0.3497,
0.3554

 1.1916, 0.5279,
0.4721

162.9225, 0.3470,
0.3535

 0.0549, 0.7907,
0.2093

201.4183, 0.3447,

 0.0000, 0.0000,

0.3519

0.0000

245.5453, 0.3426,
0.3505

■ 28.6770, 0.3740,
0.3716

■ 28.6770, 0.3740,
0.3716

■ 25.9381, 0.3975,
0.3847

■ 31.6790, 0.3528,
0.3583

■ 23.4502, 0.4231,
0.3968

■ 34.9478, 0.3340,
0.3452

■ 21.2059, 0.4499,
0.4070

■ 38.4920, 0.3175,
0.3327

■ 19.1959, 0.4770,
0.4139

■ 42.3187, 0.3030,
0.3211

■ 17.4099, 0.5027,
0.4164

■ 46.4346, 0.2904,
0.3102

■ 15.8365, 0.5253,
0.4137

■ 50.8461, 0.2794,
0.3003

■ 14.8661, 0.5395,
0.4098

■ 55.5595, 0.2698,
0.2911

■ 60.5808, 0.2614,
0.2827

■ 65.2509, 0.2591,
0.2855

Harmonies

Analogous

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



28.6770, 0.3771, 0.3473



28.6770, 0.3740, 0.3716



28.6770, 0.3540, 0.3861

Triad

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



28.6770, 0.3740, 0.3716



28.6770, 0.2655, 0.3355



28.6770, 0.2993, 0.2800

Complementary

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



28.6770, 0.3740, 0.3716



25.4053, 0.2607, 0.2820

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.



28.6770, 0.2711, 0.2752



28.6770, 0.3740, 0.3716



28.6770, 0.2524, 0.3052

Square

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



28.6770, 0.3740, 0.3716



28.6770, 0.2911, 0.3656



28.6770, 0.2544, 0.2838



28.6770, 0.3327, 0.2961

Rectangle

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



28.6770, 0.3740, 0.3716



28.6770, 0.3343, 0.3872



28.6770, 0.2544, 0.2838



28.6770, 0.2890, 0.2770

Sweetspot

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



28.6783, 0.3740, 0.3716



64.4375, 0.3289, 0.3415



22.1614, 0.3503, 0.2868



13.8626, 0.3312, 0.3432



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.



28.6783, 0.3740, 0.3716



47.6162, 0.3916, 0.3816



37.9884, 0.3616, 0.4098



8.1396, 0.3274, 0.3403



11.1910, 0.5380, 0.4110



0.3747, 0.4892, 0.4498

Inverse Universe

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



25.4053, 0.2607, 0.2820



40.8100, 0.2485, 0.2692



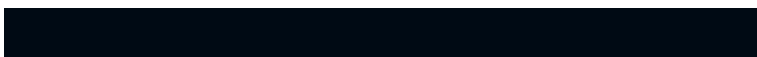
18.1805, 0.2546, 0.2330



7.8962, 0.2987, 0.3174



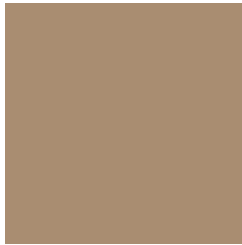
7.0123, 0.1779, 0.1604



0.2731, 0.1948, 0.2213

Previews

White Background



This preview shows how the Yxy color 28.6770, 0.3740, 0.3716 looks on a white background.

Color Contrast Check

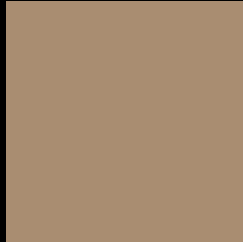
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6770, 0.3740, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

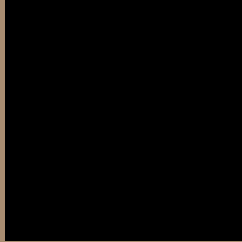
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6770, 0.3740, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 28.6770, 0.3740, 0.3716.



This preview shows how white text looks on a background with the Yxy color 28.6770, 0.3740, 0.3716.

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

28.6770, 0.3740, 0.3716

Protanopia

28.7641, 0.3538, 0.3784

Deuteranopia

28.6063, 0.3768, 0.3697



Tritanopia

28.5991, 0.3426, 0.3130

Trichromacy



Original Color

28.6770, 0.3740, 0.3716

Protanomaly

28.6350, 0.3613, 0.3761

Deuteranomaly

28.4945, 0.3757, 0.3699

Tritanomaly

28.6969, 0.3543, 0.3336

Monochromacy



Original Color

28.6770, 0.3740, 0.3716

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.5378, 0.3336, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6770, 0.3740, 0.3716 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, 141, 113)` looks like.

```
.text, #text, p{  
    color:rgb(169, 141, 113)  
}
```

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, 141, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 141, 113) }
```

Border

The CSS property to change the border of an element to Yxy 28.6770, 0.3740, 0.3716 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, 141, 113) }
```

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

```
.border{ border-color:rgb(169, 141, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 141, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 141, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 141, 113); box-shadow:4px 4px 4px 4px rgb(169, 141, 113) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6770, 0.3740, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 141, 113) }
```

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

```
.background{ background-color: rgb(169,  
141, 113) }
```

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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