

Converting Colors

$Y_{xy}(28.7336, 0.3714, 0.3653)$

Have a look what the booklet for
Yxy(28.7336, 0.3714, 0.3653)
contains.

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Color

Yxy(28.8802, 0.3708, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	AA8D75
RGB	170, 141, 117
RGB Percent	67%, 55%, 46%
CMY	0.3333, 0.4471, 0.5411
CMYK	0.00, 0.17, 0.31, 0.33
HSL	27°, 24%, 56%
HSV	27°, 31%, 67%
XYZ	29.3150, 28.8802, 20.8636
YIQ	146.9350, 24.9880, -1.3160

Conversions

Conversions Part 2

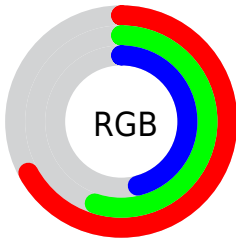
Format	Color
R_{YB}	170, 161, 117
Decimal	11177333
CIE Lab	60.68, 7.32, 16.90
CIE LCh	61, 18.415, 66.570
Yxy	28.8802, 0.3708, 0.3653
Android (android.graphics.Color)	4289367413 (0xFFAA8D75)
YUV	146.9350, -14.7580, 20.2280
Hunter-Lab	53.7403, 3.3252, 14.6000

Details

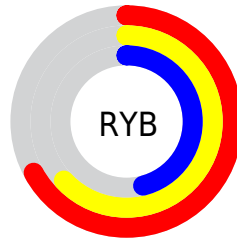
The Yxy color $28.8802, 0.3708, 0.3653$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $27.2499, 0.2643, 0.2896$, and the grayscale version is $29.2050, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.0635, 0.3587, 0.3589$, and $11.6937, 0.3908, 0.3761$ is the 20% darker color. If you saturate the color by 10%, you get $25.8872, 0.3949, 0.3773$, and if you desaturate by 10%, it is $32.1791, 0.3494, 0.3532$.

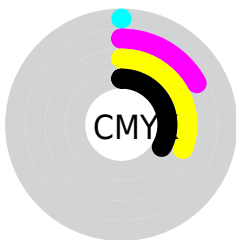
Distribution



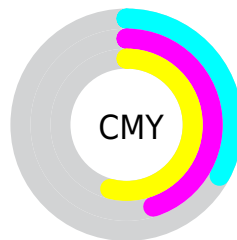
- Red (67%)
- Green (55%)
- Blue (46%)



- Red (67%)
- Yellow (63%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (31%)
- Black (33%)





- Cyan (33%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.8802, 0.3708, 0.3653 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 28.8802, 0.3708, 0.3653 by changing the saturation by 10% instead.


 28.8802, 0.3708,
0.3653


 28.8802, 0.3708,
0.3653


296.6493, 0.3393,
0.3463

 18.9902, 0.3795,
0.3703


 57.8867, 0.3587,
0.3582

 11.6632, 0.3912,
0.3767


 77.7720, 0.3544,
0.3556

 6.5148, 0.4077,
0.3854


 101.7578, 0.3508,
0.3534

 3.1606, 0.4325,
0.3973

130.2286, 0.3478,
0.3516

 1.2161, 0.5128,
0.4483

163.5688, 0.3452,
0.3500

 0.0748, 0.7696,
0.2304

202.1627, 0.3430,

 0.0000, 0.0000,

0.3486

0.0000

246.3947, 0.3410,
0.3474

■ 28.8802, 0.3708,
0.3653

■ 28.8802, 0.3708,
0.3653

■ 25.8872, 0.3949,
0.3773

■ 32.1791, 0.3494,
0.3532

■ 23.1865, 0.4214,
0.3886

■ 35.7891, 0.3307,
0.3414

■ 20.7693, 0.4500,
0.3981

■ 39.7200, 0.3145,
0.3303

■ 18.6247, 0.4793,
0.4047

■ 43.9802, 0.3004,
0.3198

■ 16.7409, 0.5079,
0.4071

■ 48.5776, 0.2882,
0.3102

■ 15.1046, 0.5335,
0.4044

■ 53.5198, 0.2776,
0.3014

■ 13.8475, 0.5536,
0.3986

■ 58.8144, 0.2684,
0.2933

■ 64.4684, 0.2604,
0.2859

■ 69.4831, 0.2608,
0.2947

Harmonies

Analogous

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



28.8802, 0.3707, 0.3421



28.8802, 0.3708, 0.3653



28.8802, 0.3547, 0.3804

Triad

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



28.8802, 0.3708, 0.3653



28.8802, 0.2722, 0.3398



28.8802, 0.2957, 0.2821

Complementary

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



28.8802, 0.3708, 0.3653



27.2499, 0.2643, 0.2896

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.



28.8802, 0.2710, 0.2797



28.8802, 0.3708, 0.3653



28.8802, 0.2580, 0.3114

Square

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



28.8802, 0.3708, 0.3653



28.8802, 0.2975, 0.3663



28.8802, 0.2575, 0.2898



28.8802, 0.3262, 0.2955

Rectangle

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



28.8802, 0.3708, 0.3653



28.8802, 0.3374, 0.3829



28.8802, 0.2575, 0.2898



28.8802, 0.2865, 0.2800

Sweetspot

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



28.8815, 0.3708, 0.3653



66.3139, 0.3273, 0.3391



23.3534, 0.3441, 0.2856



14.5691, 0.3297, 0.3407



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



28.8815, 0.3708, 0.3653



48.8049, 0.3861, 0.3732



37.5998, 0.3598, 0.4017



8.0806, 0.3275, 0.3393



10.2942, 0.5518, 0.4001



0.3534, 0.4976, 0.4431

Inverse Universe

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



27.2499, 0.2643, 0.2896



45.3919, 0.2542, 0.2798



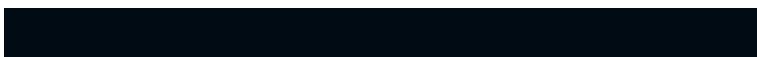
20.0382, 0.2591, 0.2441



7.9555, 0.2987, 0.3185



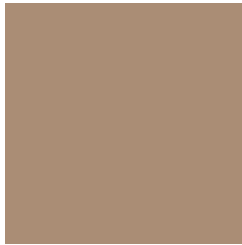
8.0133, 0.1824, 0.1766



0.2951, 0.1978, 0.2322

Previews

White Background



This preview shows how the Yxy color 28.8802, 0.3708, 0.3653 looks on a white background.

Color Contrast Check

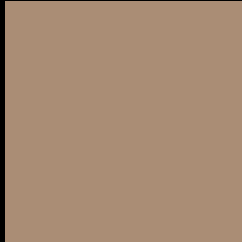
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8802, 0.3708, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

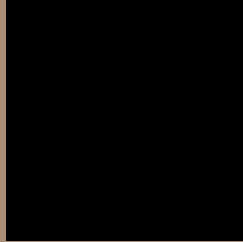
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8802, 0.3708, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 28.8802, 0.3708, 0.3653.



This preview shows how white text looks on a background with the Yxy color 28.8802, 0.3708, 0.3653.

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

28.8802, 0.3708, 0.3653

Protanopia

28.8582, 0.3497, 0.3720

Deuteranopia

28.9920, 0.3720, 0.3652



Tritanopia

28.8821, 0.3424, 0.3145

Trichromacy



Original Color

28.8802, 0.3708, 0.3653

Protanomaly

28.7281, 0.3571, 0.3698

Deuteranomaly

28.9920, 0.3720, 0.3652

Tritanomaly

28.7252, 0.3531, 0.3321

Monochromacy



Original Color

28.8802, 0.3708, 0.3653

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.9969, 0.3324, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8802, 0.3708, 0.3653 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(170, 141, 117)` looks like.

```
.text, #text, p{  
    color:rgb(170, 141, 117)  
}
```

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(170, 141, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 141, 117) }
```

Border

The CSS property to change the border of an element to Yxy 28.8802, 0.3708, 0.3653 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(170, 141, 117) }
```

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

```
.border{ border-color:rgb(170, 141, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 141, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 141, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 141, 117);  
box-shadow:4px 4px 4px 4px rgb(170, 141,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8802, 0.3708, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 141, 117) }
```

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

```
.background{ background-color: rgb(170,  
141, 117) }
```

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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