

Converting Colors

$Y_{xy}(28.2475, 0.3838, 0.3450)$

Have a look what the booklet for
Yxy(28.2475, 0.3838, 0.3450)
contains.

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Color

Yxy(28.2475, 0.3838, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	B7857A
RGB	183, 133, 122
RGB Percent	72%, 52%, 48%
CMY	0.2824, 0.4784, 0.5216
CMYK	0.00, 0.27, 0.33, 0.28
HSL	11°, 30%, 60%
HSV	11°, 33%, 72%
XYZ	31.4243, 28.2475, 22.2050
YIQ	146.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

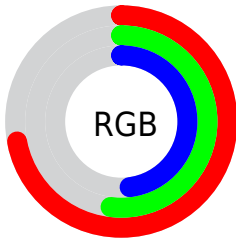
Format	Color
R _{YB}	183, 135, 122
Decimal	12027258
CIE Lab	60.11, 17.67, 13.50
CIE LCh	60, 22.239, 37.390
Yxy	28.2475, 0.3838, 0.3450
Android (android.graphics.Color)	4290217338 (0xFFB7857A)
YUV	146.6960, -12.1751, 31.8386
Hunter-Lab	53.1484, 12.5296, 12.4329

Details

The Yxy color $28.2475, 0.3838, 0.3450$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $37.0417, 0.2639, 0.3122$, and the grayscale version is $29.0865, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.6991, 0.3692, 0.3424$, and $11.3347, 0.4111, 0.3491$ is the 20% darker color. If you saturate the color by 10%, you get $24.0208, 0.4149, 0.3499$, and if you desaturate by 10%, it is $33.1481, 0.3576, 0.3400$.

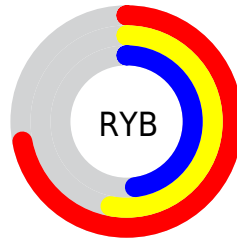
Distribution



Red (72%)

Green (52%)

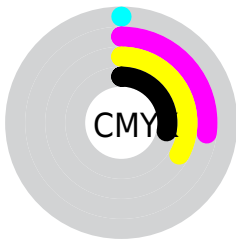
Blue (48%)



Red (72%)

Yellow (53%)

Blue (48%)

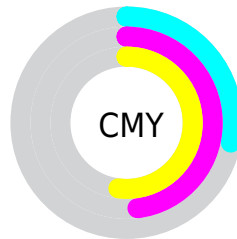


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (28%)



Cyan (28%)


Magenta (48%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2475, 0.3838, 0.3450 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 28.2475, 0.3838, 0.3450 by changing the saturation by 10% instead.


 28.2475, 0.3838,
0.3450


 28.2475, 0.3838,
0.3450


293.6477, 0.3449,
0.3373


 18.5123, 0.3947,
0.3467


 56.8793, 0.3688,
0.3423

 11.3184, 0.4095,
0.3487


 76.5448, 0.3635,
0.3413

 6.2814, 0.4306,
0.3509


 100.2891, 0.3590,
0.3404

 3.0170, 0.4629,
0.3527

128.4967, 0.3553,
0.3396

 1.1406, 0.5426,
0.3686

161.5520, 0.3521,
0.3389

 0.0124, 0.9729,
0.0271

199.8393, 0.3494,

 0.0000, 0.0000,

0.3383

0.0000

243.7431, 0.3470,
0.3378

■ 28.2475, 0.3838,
0.3450

■ 28.2475, 0.3838,
0.3450

■ 24.0208, 0.4149,
0.3499

■ 33.1481, 0.3576,
0.3400

■ 20.4344, 0.4510,
0.3541

■ 38.7462, 0.3359,
0.3351

■ 17.4580, 0.4913,
0.3569


■ 45.0692, 0.3180,
0.3305

■ 15.0571, 0.5332,
0.3575


■ 52.1419, 0.3032,
0.3262

■ 13.1937, 0.5726,
0.3550


■ 59.9877, 0.2909,
0.3223

 11.8249, 0.6045,
0.3494

 68.6293, 0.2807,
0.3188

 11.1566, 0.6209,
0.3452

 78.0882, 0.2722,
0.3156

 87.4938, 0.2714,
0.3267

 88.8045, 0.2716,
0.3289

Harmonies

Analogous

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



28.2475, 0.3639, 0.3150



28.2475, 0.3838, 0.3450



28.2475, 0.3831, 0.3731

Triad

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



28.2475, 0.3838, 0.3450



28.2475, 0.2930, 0.3742



28.2475, 0.2629, 0.2695

Complementary

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



28.2475, 0.3838, 0.3450



37.0417, 0.2639, 0.3122

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.



28.2475, 0.2465, 0.2807



28.2475, 0.3838, 0.3450



28.2475, 0.2630, 0.3410

Square

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



28.2475, 0.3838, 0.3450



28.2475, 0.3294, 0.3932



28.2475, 0.2465, 0.3062



28.2475, 0.2928, 0.2730

Rectangle

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



28.2475, 0.3838, 0.3450



28.2475, 0.3713, 0.3871



28.2475, 0.2465, 0.3062



28.2475, 0.2557, 0.2716

Sweetspot

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



28.2488, 0.3838, 0.3450



72.8554, 0.3299, 0.3336



26.9912, 0.3274, 0.2599



15.7514, 0.3325, 0.3342



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



28.2488, 0.3838, 0.3450



44.9396, 0.4061, 0.3486



37.5392, 0.3705, 0.3856



9.2678, 0.3283, 0.3332



7.8594, 0.6192, 0.3466



0.3577, 0.5733, 0.3830

Inverse Universe

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



37.0417, 0.2639, 0.3122



63.0866, 0.2544, 0.3080



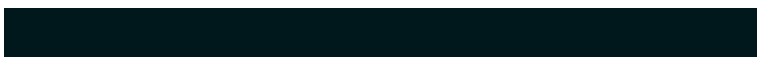
26.9961, 0.2580, 0.2649



9.9270, 0.2985, 0.3248



17.6749, 0.2086, 0.2710



0.6960, 0.2132, 0.2875

Previews

White Background



This preview shows how the Yxy color 28.2475, 0.3838, 0.3450 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 28.2475, 0.3838, 0.3450 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 28.2475, 0.3838, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 28.2475, 0.3838, 0.3450.



This preview shows how white text looks on a background with the Yxy color 28.2475, 0.3838, 0.3450.

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

28.2475, 0.3838, 0.3450

Protanopia

28.4847, 0.3373, 0.3563

Deuteranopia

28.4615, 0.3645, 0.3580



Tritanopia

28.1730, 0.3660, 0.3151

Trichromacy



Original Color

28.2475, 0.3838, 0.3450

Protanomaly

28.3426, 0.3530, 0.3523

Deuteranomaly

28.1560, 0.3715, 0.3531

Tritanomaly

28.1164, 0.3728, 0.3263

Monochromacy



Original Color

28.2475, 0.3838, 0.3450

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.6546, 0.3365, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2475, 0.3838, 0.3450 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(183, 133, 122)` looks like.

```
.text, #text, p{  
    color:rgb(183, 133, 122)  
}
```

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(183, 133, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 133, 122) }
```

Border

The CSS property to change the border of an element to Yxy 28.2475, 0.3838, 0.3450 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(183, 133, 122) }
```

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

```
.border{ border-color:rgb(183, 133, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 133, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 133, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 133, 122);  
box-shadow:4px 4px 4px 4px rgb(183, 133,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2475, 0.3838, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 133, 122) }
```

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

```
.background{ background-color: rgb(183,  
133, 122) }
```

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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