

Converting Colors

$Y_{xy}(29.8358, 0.3788, 0.3735)$

Have a look what the booklet for
Yxy(29.8358, 0.3788, 0.3735)
contains.

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Color

Yxy(29.8358, 0.3788, 0.3735)

Conversions

Conversions Part 1

Format	Color
Hex	AE8F71
RGB	174, 143, 113
RGB Percent	68%, 56%, 44%
CMY	0.3176, 0.4392, 0.5569
CMYK	0.00, 0.18, 0.35, 0.32
HSL	30°, 27%, 56%
HSV	30°, 35%, 68%
XYZ	30.2592, 29.8358, 19.7867
YIQ	148.8490, 28.1060, -2.7580

Conversions

Conversions Part 2

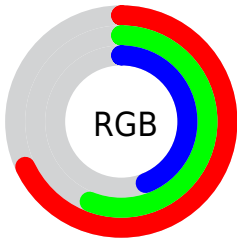
Format	Color
R_{YB}	174, 172, 113
Decimal	11439985
CIE _{Lab}	61.51, 7.31, 20.36
CIE _{LCh}	62, 21.629, 70.260
Yxy	29.8358, 0.3788, 0.3735
Android (android.graphics.Color)	4289630065 (0xFFAE8F71)
YUV	148.8490, -17.6736, 22.0574
Hunter-Lab	54.6222, 3.2953, 16.7579

Details

The Yxy color $29.8358, 0.3788, 0.3735$ is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be $26.5138, 0.2576, 0.2796$, and the grayscale version is $30.0557, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.4721, 0.3648, 0.3653$, and $12.2034, 0.4003, 0.3873$ is the 20% darker color. If you saturate the color by 10%, you get $26.9309, 0.4030, 0.3863$, and if you desaturate by 10%, it is $33.0280, 0.3569, 0.3604$.

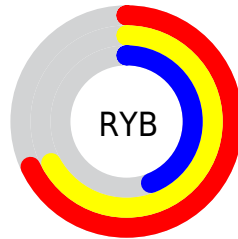
Distribution



Red (68%)

Green (56%)

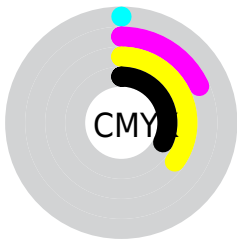
Blue (44%)



Red (68%)

Yellow (67%)

Blue (44%)

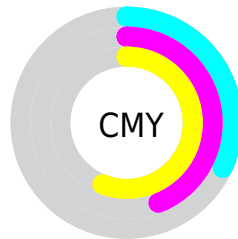


Cyan (0%)

Magenta (18%)

Yellow (35%)

Black (32%)



Cyan (32%)


Magenta (44%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8358, 0.3788, 0.3735 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 29.8358, 0.3788, 0.3735 by changing the saturation by 10% instead.


 29.8358, 0.3788,
0.3735


 29.8358, 0.3788,
0.3735


301.1383, 0.3432,
0.3504

 19.7140, 0.3885,
0.3794


 59.4024, 0.3653,
0.3649

 12.1873, 0.4014,
0.3871


 79.6160, 0.3604,
0.3618

 6.8714, 0.4193,
0.3972


 103.9623, 0.3563,
0.3591

 3.3818, 0.4456,
0.4106

 132.8257, 0.3529,
0.3568

 1.3342, 0.5321,
0.4679

166.5906, 0.3499,
0.3549

 0.1674, 0.6684,
0.3316

205.6414, 0.3474,

 0.0000, 0.0000,

0.3532

0.0000

250.3625, 0.3452,
0.3517

■ 29.8358, 0.3788,
0.3735

■ 29.8358, 0.3788,
0.3735

■ 26.9309, 0.4030,
0.3863

■ 33.0280, 0.3569,
0.3604

■ 24.2999, 0.4292,
0.3979

■ 36.5118, 0.3375,
0.3474

■ 21.9345, 0.4567,
0.4073


■ 40.2968, 0.3205,
0.3350


■ 19.8243, 0.4841,
0.4132


■ 44.3909, 0.3056,
0.3233


■ 17.9577, 0.5098,
0.4145

■ 48.8015, 0.2926,
0.3125

 16.3215, 0.5321,
0.4105

 53.5359, 0.2814,
0.3025

 15.5875, 0.5425,
0.4075

 58.6010, 0.2715,
0.2934

 64.0035, 0.2629,
0.2850

 68.7733, 0.2627,
0.2924

Harmonies

Analogous

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



29.8358, 0.3814, 0.3472



29.8358, 0.3788, 0.3735



29.8358, 0.3579, 0.3899

Triad

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



29.8358, 0.3788, 0.3735



29.8358, 0.2630, 0.3372



29.8358, 0.2970, 0.2763

Complementary

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



29.8358, 0.3788, 0.3735



26.5138, 0.2576, 0.2796

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.



29.8358, 0.2673, 0.2717



29.8358, 0.3788, 0.3735



29.8358, 0.2486, 0.3045

Square

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



29.8358, 0.3788, 0.3735



29.8358, 0.2908, 0.3694



29.8358, 0.2502, 0.2813



29.8358, 0.3326, 0.2931

Rectangle

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



29.8358, 0.3788, 0.3735



29.8358, 0.3370, 0.3916



29.8358, 0.2502, 0.2813



29.8358, 0.2860, 0.2733

Sweetspot

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



29.8372, 0.3788, 0.3735



68.8130, 0.3307, 0.3425



22.8390, 0.3520, 0.2827



15.0955, 0.3330, 0.3442



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



29.8372, 0.3788, 0.3735



50.0230, 0.3972, 0.3834



40.0734, 0.3649, 0.4134



8.6414, 0.3275, 0.3402



11.4236, 0.5407, 0.4088



0.4276, 0.4949, 0.4453

Inverse Universe

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



26.5138, 0.2576, 0.2796



43.0900, 0.2454, 0.2666



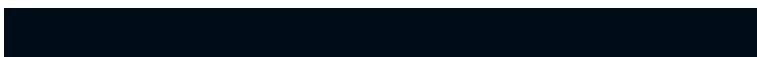
18.6055, 0.2508, 0.2279



8.4047, 0.2986, 0.3176



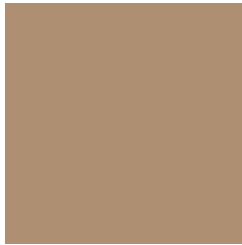
7.4484, 0.1787, 0.1631



0.3165, 0.1939, 0.2179

Previews

White Background



This preview shows how the Yxy color 29.8358, 0.3788, 0.3735 looks on a white background.

Color Contrast Check

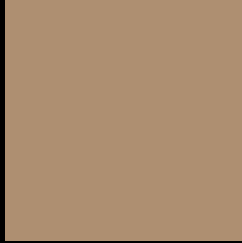
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8358, 0.3788, 0.3735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

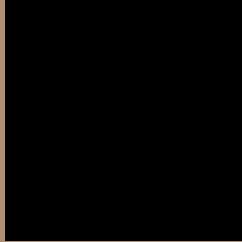
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8358, 0.3788, 0.3735

Background



This preview shows how black text looks on a background with the Yxy color 29.8358, 0.3788, 0.3735.



This preview shows how white text looks on a background with the Yxy color 29.8358, 0.3788, 0.3735.

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

29.8358, 0.3788, 0.3735

Protanopia

29.7885, 0.3575, 0.3806

Deuteranopia

29.9511, 0.3799, 0.3733



Tritanopia

29.8119, 0.3455, 0.3133

Trichromacy



Original Color

29.8358, 0.3788, 0.3735

Protanomaly

29.6652, 0.3650, 0.3782

Deuteranomaly

29.9511, 0.3799, 0.3733

Tritanomaly

29.8809, 0.3582, 0.3349

Monochromacy



Original Color

29.8358, 0.3788, 0.3735

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.9141, 0.3353, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8358, 0.3788, 0.3735 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(174, 143, 113)` looks like.

```
.text, #text, p{  
    color:rgb(174, 143, 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(174, 143, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 143, 113) }
```

Border

The CSS property to change the border of an element to Yxy 29.8358, 0.3788, 0.3735 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(174, 143, 113) }
```

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

```
.border{ border-color:rgb(174, 143, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 143, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 143, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 143, 113);  
box-shadow:4px 4px 4px 4px rgb(174, 143,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8358, 0.3788, 0.3735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 143, 113) }
```

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

```
.background{ background-color: rgb(174,  
143, 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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