

Converting Colors

$Y_{xy}(29.7694, 0.3774, 0.3720)$

Have a look what the booklet for
Yxy(29.7694, 0.3774, 0.3720)
contains.

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Color

Yxy(29.8585, 0.3777, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	AE8F72
RGB	174, 143, 114
RGB Percent	68%, 56%, 45%
CMY	0.3176, 0.4392, 0.5529
CMYK	0.00, 0.18, 0.34, 0.32
HSL	29°, 27%, 56%
HSV	29°, 34%, 68%
XYZ	30.3160, 29.8585, 20.0903
YIQ	148.9630, 27.7850, -2.4470

Conversions

Conversions Part 2

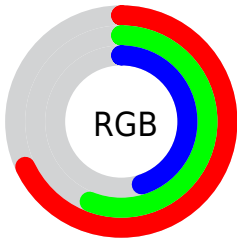
Format	Color
RYB	174, 170, 114
Decimal	11439986
CIELab	61.53, 7.43, 19.82
CIElCh	62, 21.164, 69.435
Yxy	29.8585, 0.3777, 0.3720
Android (android.graphics.Color)	4289630066 (0xFFAE8F72)
YUV	148.9630, -17.2368, 21.9574
Hunter-Lab	54.6429, 3.4070, 16.4512

Details

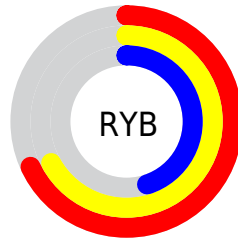
The Yxy color $29.8585, 0.3777, 0.3720$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $26.8901, 0.2587, 0.2815$, and the grayscale version is $30.1048, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.5087, 0.3640, 0.3641$, and $12.2151, 0.3988, 0.3853$ is the 20% darker color. If you saturate the color by 10%, you get $26.9080, 0.4020, 0.3846$, and if you desaturate by 10%, it is $33.1036, 0.3559, 0.3591$.

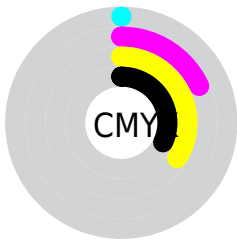
Distribution



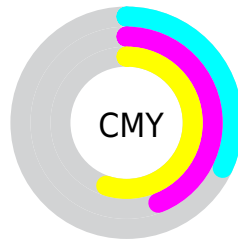
- Red (68%)
- Green (56%)
- Blue (45%)



- Red (68%)
- Yellow (67%)
- Blue (45%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (32%)





- Cyan (32%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8585, 0.3777, 0.3720 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 29.8585, 0.3777, 0.3720 by changing the saturation by 10% instead.


 29.8585, 0.3777,
0.3720

 29.8585, 0.3777,
0.3720


301.2443, 0.3427,
0.3497


 19.7312, 0.3872,
0.3777


 59.4383, 0.3644,
0.3637

 12.1998, 0.4000,
0.3851


 79.6597, 0.3596,
0.3607

 6.8799, 0.4177,
0.3949


 104.0145, 0.3556,
0.3581

 3.3871, 0.4437,
0.4080

 132.8871, 0.3522,
0.3559

 1.3370, 0.5320,
0.4664

166.6621, 0.3493,
0.3540

 0.1696, 0.6689,
0.3311

205.7236, 0.3468,

 0.0000, 0.0000,

0.3524

0.0000

250.4563, 0.3446,
0.3509

■ 29.8585, 0.3777,
0.3720

■ 29.8585, 0.3777,
0.3720

■ 26.9080, 0.4020,
0.3846

■ 33.1036, 0.3559,
0.3591

■ 24.2386, 0.4284,
0.3961

■ 36.6479, 0.3365,
0.3464

■ 21.8417, 0.4561,
0.4055


■ 40.5013, 0.3196,
0.3342

■ 19.7066, 0.4840,
0.4115


■ 44.6717, 0.3048,
0.3228


■ 17.8215, 0.5103,
0.4129

■ 49.1669, 0.2919,
0.3122


 16.1732, 0.5332,
0.4090

 53.9942, 0.2808,
0.3025

 15.3520, 0.5450,
0.4055

 59.1607, 0.2710,
0.2935

 64.6735, 0.2626,
0.2854

 69.4920, 0.2629,
0.2940

Harmonies

Analogous

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



29.8585, 0.3797, 0.3461



29.8585, 0.3777, 0.3720



29.8585, 0.3577, 0.3883

Triad

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



29.8585, 0.3777, 0.3720



29.8585, 0.2647, 0.3379



29.8585, 0.2964, 0.2771

Complementary

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



29.8585, 0.3777, 0.3720



26.8901, 0.2587, 0.2815

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.



29.8585, 0.2676, 0.2730



29.8585, 0.3777, 0.3720



29.8585, 0.2501, 0.3059

Square

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



29.8585, 0.3777, 0.3720



29.8585, 0.2921, 0.3692



29.8585, 0.2512, 0.2827



29.8585, 0.3313, 0.2932

Rectangle

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



29.8585, 0.3777, 0.3720



29.8585, 0.3374, 0.3903



29.8585, 0.2512, 0.2827



29.8585, 0.2858, 0.2743

Sweetspot

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



29.8599, 0.3777, 0.3720



69.4086, 0.3290, 0.3411



23.1131, 0.3499, 0.2821



15.2152, 0.3313, 0.3427



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.



29.8599, 0.3777, 0.3720



50.2272, 0.3951, 0.3812



39.7191, 0.3645, 0.4107



8.6301, 0.3275, 0.3400



11.2528, 0.5432, 0.4069



0.4230, 0.4964, 0.4440

Inverse Universe

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



26.8901, 0.2587, 0.2815



44.0535, 0.2471, 0.2695



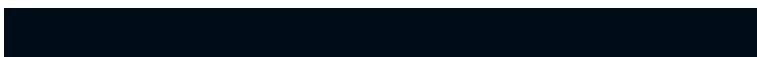
19.1296, 0.2522, 0.2316



8.4160, 0.2986, 0.3178



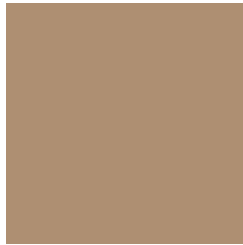
7.6296, 0.1795, 0.1660



0.3212, 0.1945, 0.2200

Previews

White Background



This preview shows how the Yxy color 29.8585, 0.3777, 0.3720 looks on a white background.

Color Contrast Check

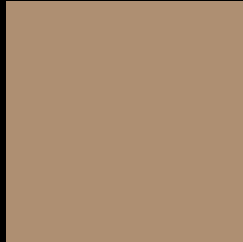
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8585, 0.3777, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

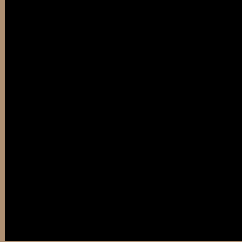
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8585, 0.3777, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 29.8585, 0.3777, 0.3720.



This preview shows how white text looks on a background with the Yxy color 29.8585, 0.3777, 0.3720.

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

29.8585, 0.3777, 0.3720

Protanopia

30.0483, 0.3540, 0.3791

Deuteranopia

29.9738, 0.3789, 0.3718



Tritanopia

29.8119, 0.3455, 0.3133

Trichromacy



Original Color

29.8585, 0.3777, 0.3720

Protanomaly

30.0209, 0.3625, 0.3766

Deuteranomaly

29.9738, 0.3789, 0.3718

Tritanomaly

29.8809, 0.3582, 0.3349

Monochromacy



Original Color

29.8585, 0.3777, 0.3720

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 29.8585, 0.3777, 0.3720 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(174, 143, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 143, 114) }
```

Border

The CSS property to change the border of an element to Yxy 29.8585, 0.3777, 0.3720 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, 114) }
```

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

```
.border{ border-color:rgb(174, 143, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 143, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 143, 114);  
box-shadow:4px 4px 4px 4px rgb(174, 143,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8585, 0.3777, 0.3720 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, 114) }
```

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

```
.background{ background-color: rgb(174,  
143, 114) }
```

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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