

Converting Colors

$Y_{xy}(27.1360, 0.3710, 0.3533)$

Have a look what the booklet for
Yxy(27.1360, 0.3710, 0.3533)
contains.

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Color

Yxy(27.2059, 0.3712, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	AA8777
RGB	170, 135, 119
RGB Percent	67%, 53%, 47%
CMY	0.3332, 0.4706, 0.5333
CMYK	0.00, 0.21, 0.30, 0.33
HSL	19°, 23%, 57%
HSV	19°, 30%, 67%
XYZ	28.5762, 27.2059, 21.2012
YIQ	143.6410, 25.9960, 2.4440

Conversions

Conversions Part 2

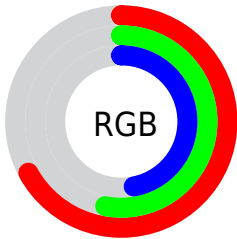
Format	Color
R _Y B	170, 142, 119
Decimal	11175799
CIE Lab	59.16, 10.97, 13.67
CIE LCh	59, 17.532, 51.247
Yxy	27.2059, 0.3712, 0.3534
Android (android.graphics.Color)	4289365879 (0xFFAA8777)
YUV	143.6410, -12.1480, 23.1168
Hunter-Lab	52.1593, 6.5150, 12.4119

Details

The Yxy color **27.2059, 0.3712, 0.3534** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9527, 0.2675, 0.3031**, and the grayscale version is **27.7816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0755, 0.3590, 0.3487**, and **10.7338, 0.3924, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **23.7530, 0.3977, 0.3619**, and if you desaturate by 10%, it is **31.0918, 0.3484, 0.3449**.

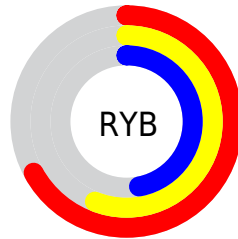
Distribution



Red (67%)

Green (53%)

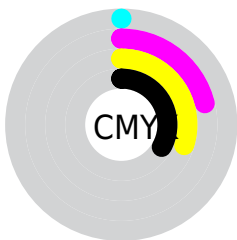
Blue (47%)



Red (67%)

Yellow (56%)

Blue (47%)

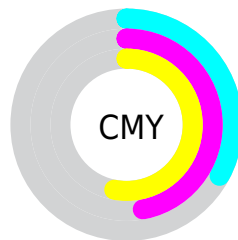


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2059, 0.3712, 0.3534 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 27.2059, 0.3712, 0.3534 by changing the saturation by 10% instead.


 27.2059, 0.3712,
0.3534


 27.2059, 0.3712,
0.3534


288.6527, 0.3391,
0.3408


 17.7279, 0.3803,
0.3566


 55.2141, 0.3588,
0.3487

 10.7548, 0.3926,
0.3608


 74.5131, 0.3544,
0.3470

 5.9022, 0.4103,
0.3662

 97.8546, 0.3507,
0.3455

 2.7857, 0.4377,
0.3734

125.6229, 0.3476,
0.3443

 1.0209, 0.5256,
0.4141

158.2025, 0.3450,
0.3432

 0.0000, 1.0000,
0.0000

195.9777, 0.3428,

 0.0000, 0.0000,

0.3423

0.0000

239.3330, 0.3408,
0.3415

■ 27.2059, 0.3712,
0.3534

■ 27.2059, 0.3712,
0.3534

■ 23.7530, 0.3977,
0.3619

■ 31.0918, 0.3484,
0.3449

■ 20.7140, 0.4280,
0.3697

■ 35.4214, 0.3291,
0.3367

■ 18.0737, 0.4617,
0.3762


■ 40.2099, 0.3127,
0.3290


■ 15.8147, 0.4974,
0.3801


■ 45.4706, 0.2989,
0.3219


■ 13.9179, 0.5329,
0.3804


■ 51.2161, 0.2871,
0.3153


 12.3625, 0.5650,
0.3761

 57.4586, 0.2772,
0.3093

 11.1192, 0.5918,
0.3683

 64.2099, 0.2687,
0.3039

 71.4791, 0.2614,
0.2990

 78.1374, 0.2631,
0.3123

Harmonies

Analogous

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



27.2059, 0.3626, 0.3292



27.2059, 0.3712, 0.3534



27.2059, 0.3632, 0.3729

Triad

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



27.2059, 0.3712, 0.3534



27.2059, 0.2849, 0.3535



27.2059, 0.2828, 0.2807

Complementary

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



27.2059, 0.3712, 0.3534



29.9527, 0.2675, 0.3031

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.



27.2059, 0.2639, 0.2846



27.2059, 0.3712, 0.3534



27.2059, 0.2650, 0.3257

Square

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



27.2059, 0.3712, 0.3534



27.2059, 0.3128, 0.3745



27.2059, 0.2575, 0.3005



27.2059, 0.3105, 0.2886

Rectangle

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



27.2059, 0.3712, 0.3534



27.2059, 0.3499, 0.3801



27.2059, 0.2575, 0.3005



27.2059, 0.2753, 0.2806

Sweetspot

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



27.2072, 0.3712, 0.3534



64.9438, 0.3276, 0.3360



24.1028, 0.3335, 0.2765



14.2204, 0.3301, 0.3372



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.



27.2072, 0.3712, 0.3534



45.0967, 0.3884, 0.3591



34.9621, 0.3610, 0.3889



7.9115, 0.3278, 0.3361



8.2665, 0.5899, 0.3698



0.2917, 0.5269, 0.4198

Inverse Universe

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



29.9527, 0.2675, 0.3031



50.8714, 0.2578, 0.2964



22.5832, 0.2629, 0.2610



8.1297, 0.2987, 0.3218



11.5534, 0.1959, 0.2253



0.3663, 0.2066, 0.2636

Previews

White Background



This preview shows how the Yxy color 27.2059, 0.3712, 0.3534 looks on a white background.

Color Contrast Check

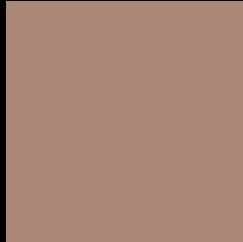
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2059, 0.3712, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

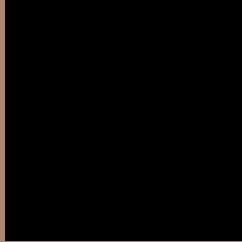
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2059, 0.3712, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 27.2059, 0.3712, 0.3534.



This preview shows how white text looks on a background with the Yxy color 27.2059, 0.3712, 0.3534.

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

27.2059, 0.3712, 0.3534

Protanopia

27.2601, 0.3410, 0.3600

Deuteranopia

27.2226, 0.3645, 0.3570



Tritanopia

27.3398, 0.3492, 0.3143

Trichromacy



Original Color

27.2059, 0.3712, 0.3534

Protanomaly

27.0385, 0.3511, 0.3562

Deuteranomaly

27.1557, 0.3672, 0.3553

Tritanomaly

27.2669, 0.3569, 0.3276

Monochromacy



Original Color

27.2059, 0.3712, 0.3534

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.5713, 0.3320, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2059, 0.3712, 0.3534 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, 135, 119)` looks like.

```
.text, #text, p{  
    color:rgb(170, 135, 119)  
}
```

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, 135, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 135, 119) }
```

Border

The CSS property to change the border of an element to Yxy 27.2059, 0.3712, 0.3534 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, 135, 119) }
```

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

```
.border{ border-color:rgb(170, 135, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 135, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 135, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 135, 119);  
box-shadow:4px 4px 4px 4px rgb(170, 135,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2059, 0.3712, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 135, 119) }
```

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

```
.background{ background-color: rgb(170,  
135, 119) }
```

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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