

Converting Colors

$Y_{xy}(27.6697, 0.3743, 0.3546)$

Have a look what the booklet for
Yxy(27.6697, 0.3743, 0.3546)
contains.

Yxy(27.8245, 0.3743, 0.3546)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.8245, 0.3743, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	AD8877
RGB	173, 136, 119
RGB Percent	68%, 53%, 47%
CMY	0.3215, 0.4667, 0.5334
CMYK	0.00, 0.21, 0.31, 0.32
HSL	19°, 25%, 57%
HSV	19°, 31%, 68%
XYZ	29.3703, 27.8245, 21.2725
YIQ	145.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

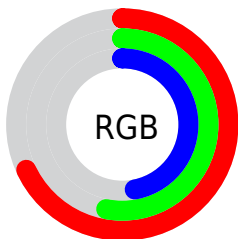
Format	Color
R_{YB}	173, 144, 119
Decimal	11372663
CIE _{Lab}	59.73, 11.61, 14.52
CIE _{LCh}	60, 18.590, 51.345
Yxy	27.8245, 0.3743, 0.3546
Android (android.graphics.Color)	4289562743 (0xFFAD8877)
YUV	145.1250, -12.8796, 24.4464
Hunter-Lab	52.7489, 7.0771, 13.0139

Details

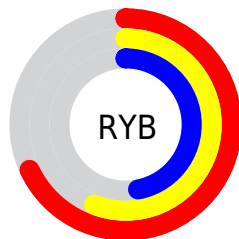
The Yxy color **27.8245, 0.3743, 0.3546** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.7209, 0.2656, 0.3017**, and the grayscale version is **28.4148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9935, 0.3613, 0.3497**, and **11.1036, 0.3968, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **24.2904, 0.4013, 0.3631**, and if you desaturate by 10%, it is **31.8063, 0.3511, 0.3460**.

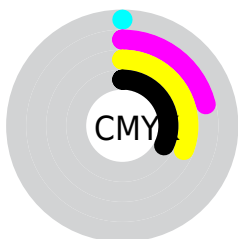
Distribution



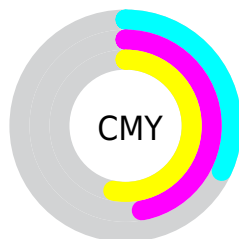
- Red (68%)
- Green (53%)
- Blue (47%)



- Red (68%)
- Yellow (56%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (31%)
- Black (32%)





- Cyan (32%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8245, 0.3743, 0.3546 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 27.8245, 0.3743, 0.3546 by changing the saturation by 10% instead.


 27.8245, 0.3743,
0.3546


 27.8245, 0.3743,
0.3546


291.6274, 0.3406,
0.3414


 18.1934, 0.3838,
0.3579


 56.2041, 0.3613,
0.3498

 11.0889, 0.3966,
0.3622


 75.7214, 0.3567,
0.3480

 6.1267, 0.4149,
0.3677

 99.3030, 0.3528,
0.3464

 2.9223, 0.4430,
0.3748

127.3331, 0.3496,
0.3452

 1.0913, 0.5282,
0.4122

160.1962, 0.3469,
0.3440

 0.0000, 1.0000,
0.0000

198.2767, 0.3445,

 0.0000, 0.0000,

0.3431

0.0000

241.9589, 0.3424,
0.3422

■ 27.8245, 0.3743,
0.3546

■ 27.8245, 0.3743,
0.3546

■ 24.2904, 0.4013,
0.3631

■ 31.8063, 0.3511,
0.3460

■ 21.1841, 0.4321,
0.3709

■ 36.2472, 0.3313,
0.3377

■ 18.4897, 0.4661,
0.3771

■ 41.1628, 0.3146,
0.3299

■ 16.1888, 0.5019,
0.3807


■ 46.5671, 0.3004,
0.3227

■ 14.2617, 0.5371,
0.3804


■ 52.4733, 0.2884,
0.3160


 12.6862, 0.5685,
0.3755

 58.8941, 0.2783,
0.3099

 11.5678, 0.5917,
0.3684

 65.8418, 0.2696,
0.3044

 73.1721, 0.2633,
0.3019

 80.0295, 0.2650,
0.3153

Harmonies

Analogous

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



27.8245, 0.3653, 0.3292



27.8245, 0.3743, 0.3546



27.8245, 0.3658, 0.3751

Triad

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



27.8245, 0.3743, 0.3546



27.8245, 0.2833, 0.3547



27.8245, 0.2813, 0.2783

Complementary

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



27.8245, 0.3743, 0.3546



30.7209, 0.2656, 0.3017

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.



27.8245, 0.2615, 0.2823



27.8245, 0.3743, 0.3546



27.8245, 0.2625, 0.3253

Square

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



27.8245, 0.3743, 0.3546



27.8245, 0.3126, 0.3770



27.8245, 0.2548, 0.2988



27.8245, 0.3104, 0.2866

Rectangle

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



27.8245, 0.3743, 0.3546



27.8245, 0.3517, 0.3828



27.8245, 0.2548, 0.2988



27.8245, 0.2734, 0.2782

Sweetspot

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



27.8258, 0.3743, 0.3546



66.6513, 0.3276, 0.3361



24.5061, 0.3346, 0.2742



14.2241, 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.



27.8258, 0.3743, 0.3546



45.6685, 0.3912, 0.3601



36.1344, 0.3632, 0.3914



8.4114, 0.3279, 0.3362



8.5883, 0.5897, 0.3699



0.3384, 0.5306, 0.4169

Inverse Universe

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



30.7209, 0.2656, 0.3017



51.6090, 0.2563, 0.2952



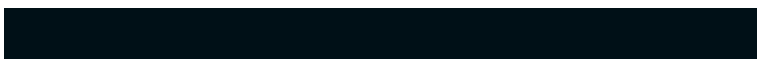
22.8506, 0.2605, 0.2576



8.6404, 0.2986, 0.3217



11.9359, 0.1957, 0.2246



0.4242, 0.2056, 0.2600

Previews

White Background



This preview shows how the Yxy color 27.8245, 0.3743, 0.3546 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 27.8245, 0.3743, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

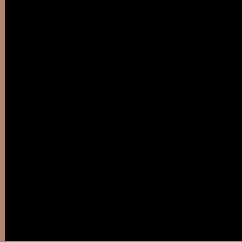
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8245, 0.3743, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 27.8245, 0.3743, 0.3546.



This preview shows how white text looks on a background with the Yxy color 27.8245, 0.3743, 0.3546.

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

27.8245, 0.3743, 0.3546

Protanopia

28.0520, 0.3428, 0.3629

Deuteranopia

28.0126, 0.3660, 0.3597



Tritanopia

27.9883, 0.3512, 0.3145

Trichromacy



Original Color

27.8245, 0.3743, 0.3546

Protanomaly

27.9285, 0.3539, 0.3589

Deuteranomaly

27.9439, 0.3687, 0.3580

Tritanomaly

27.8854, 0.3601, 0.3291

Monochromacy



Original Color

27.8245, 0.3743, 0.3546

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.0921, 0.3330, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8245, 0.3743, 0.3546 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(173, 136, 119)` looks like.

```
.text, #text, p{  
    color:rgb(173, 136, 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(173, 136, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 136, 119) }
```

Border

The CSS property to change the border of an element to Yxy 27.8245, 0.3743, 0.3546 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(173, 136, 119) }
```

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

```
.border{ border-color:rgb(173, 136, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 136, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 136, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 136, 119);  
box-shadow:4px 4px 4px 4px rgb(173, 136,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8245, 0.3743, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 136, 119) }
```

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

```
.background{ background-color: rgb(173,  
136, 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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