

Converting Colors

$Y_{xy}(27.4875, 0.3547, 0.3234)$

Have a look what the booklet for
Yxy(27.4875, 0.3547, 0.3234)
contains.

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Color

Yxy(27.4654, 0.3546, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	AD8589
RGB	173, 133, 137
RGB Percent	68%, 52%, 54%
CMY	0.3216, 0.4784, 0.4627
CMYK	0.00, 0.23, 0.21, 0.32
HSL	354°, 20%, 60%
HSV	354°, 23%, 68%
XYZ	30.1338, 27.4654, 27.3804
YIQ	145.4160, 22.5560, 9.7240

Conversions

Conversions Part 2

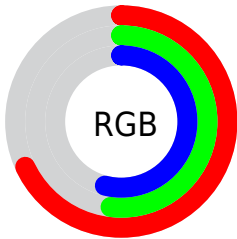
Format	Color
R_{YB}	173, 133, 137
Decimal	11371913
CIE Lab	59.40, 15.93, 3.77
CIE LCh	59, 16.366, 13.306
Yxy	27.4654, 0.3546, 0.3232
Android (android.graphics.Color)	4289561993 (0xFFAD8589)
YUV	145.4160, -4.1491, 24.1912
Hunter-Lab	52.4074, 10.9227, 5.7090

Details

The Yxy color $27.4654, 0.3546, 0.3232$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $37.7326, 0.2821, 0.3350$, and the grayscale version is $28.5041, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.4935, 0.3461, 0.3246$, and $10.8677, 0.3707, 0.3208$ is the 20% darker color. If you saturate the color by 10%, you get $22.6981, 0.3802, 0.3206$, and if you desaturate by 10%, it is $33.0798, 0.3339, 0.3258$.

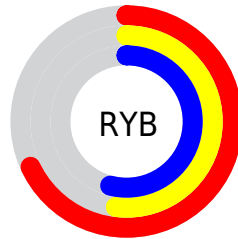
Distribution



Red (68%)

Green (52%)

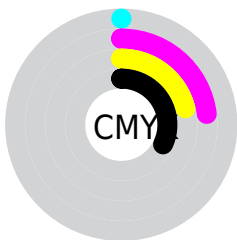
Blue (54%)



Red (68%)

Yellow (52%)

Blue (54%)

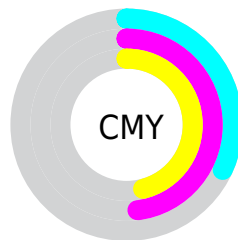


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (32%)



Cyan (32%)

Magenta (48%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4654, 0.3546, 0.3232 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 27.4654, 0.3546, 0.3232 by changing the saturation by 10% instead.


 27.4654, 0.3546,
0.3232


 27.4654, 0.3546,
0.3232


289.9035, 0.3317,
0.3266


 17.9231, 0.3611,
0.3221


 55.6298, 0.3457,
0.3246

 10.8948, 0.3699,
0.3207


 75.0206, 0.3426,
0.3250

 5.9961, 0.3827,
0.3184

 98.4631, 0.3400,
0.3254

 2.8427, 0.4026,
0.3145

126.3416, 0.3378,
0.3257

 1.0502, 0.4386,
0.3070

159.0404, 0.3359,
0.3260

 0.0000, 1.0000,
0.0000


196.9441, 0.3343,


 0.0000, 0.0000,


0.3262


0.0000


240.4370, 0.3329,
0.3264


 27.4654, 0.3546,
0.3232


 27.4654, 0.3546,
0.3232


 22.6981, 0.3802,
0.3206


 33.0798, 0.3339,
0.3258

 18.7332, 0.4114,
0.3181


 39.5756, 0.3172,
0.3283

 15.5276, 0.4485,
0.3160


 46.9898, 0.3038,
0.3305


 13.0328, 0.4907,
0.3148


 55.3564, 0.2929,
0.3326


 11.1945, 0.5353,
0.3151


 64.7072, 0.2840,
0.3345


 9.9506, 0.5775,
0.3171

 75.0731, 0.2768,
0.3362

 9.2273, 0.6111,
0.3209

 86.4831, 0.2708,
0.3378

 8.9237, 0.6279,
0.3232

 87.6224, 0.2666,
0.3289

Harmonies

Analogous

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



27.4654, 0.3311, 0.3025



27.4654, 0.3546, 0.3232



27.4654, 0.3665, 0.3461

Triad

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



27.4654, 0.3546, 0.3232



27.4654, 0.3202, 0.3743



27.4654, 0.2643, 0.2905

Complementary

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



27.4654, 0.3546, 0.3232



37.7326, 0.2821, 0.3350

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.



27.4654, 0.2618, 0.3081



27.4654, 0.3546, 0.3232



27.4654, 0.2933, 0.3579

Square

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



27.4654, 0.3546, 0.3232



27.4654, 0.3459, 0.3769



27.4654, 0.2722, 0.3329



27.4654, 0.2792, 0.2838

Rectangle

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



27.4654, 0.3546, 0.3232



27.4654, 0.3659, 0.3600



27.4654, 0.2722, 0.3329



27.4654, 0.2620, 0.2953

Sweetspot

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



27.4667, 0.3546, 0.3232



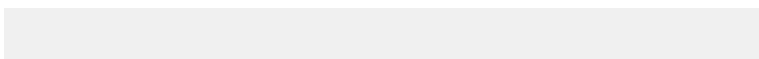
66.0273, 0.3235, 0.3273



28.2281, 0.3111, 0.2720



14.2049, 0.3244, 0.3272



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.



27.4667, 0.3546, 0.3232



44.4212, 0.3677, 0.3218



32.0711, 0.3541, 0.3525



8.0279, 0.3271, 0.3268



6.5614, 0.6262, 0.3223



0.1866, 0.5754, 0.2943

Inverse Universe

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



27.4667, 0.3546, 0.3232



44.4212, 0.3677, 0.3218



32.1161, 0.2773, 0.3042



8.0279, 0.3271, 0.3268



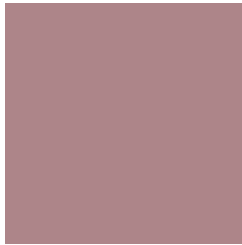
6.5614, 0.6262, 0.3223



0.1866, 0.5754, 0.2943

Previews

White Background



This preview shows how the Yxy color 27.4654, 0.3546, 0.3232 looks on a white background.

Color Contrast Check

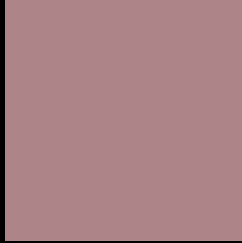
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4654, 0.3546, 0.3232 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 27.4654, 0.3546, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 27.4654, 0.3546, 0.3232.



This preview shows how white text looks on a background with the Yxy color 27.4654, 0.3546, 0.3232.

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

27.4654, 0.3546, 0.3232

Protanopia

27.7089, 0.3169, 0.3306

Deuteranopia

27.4281, 0.3395, 0.3322



Tritanopia

27.4542, 0.3503, 0.3144

Trichromacy



Original Color

27.4654, 0.3546, 0.3232

Protanomaly

27.4266, 0.3305, 0.3275

Deuteranomaly

27.3852, 0.3457, 0.3291

Tritanomaly

27.3946, 0.3526, 0.3173

Monochromacy



Original Color

27.4654, 0.3546, 0.3232

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9713, 0.3269, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4654, 0.3546, 0.3232 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, 133, 137)` looks like.

```
.text, #text, p{  
    color:rgb(173, 133, 137)  
}
```

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, 133, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 133, 137) }
```

Border

The CSS property to change the border of an element to Yxy 27.4654, 0.3546, 0.3232 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, 133, 137) }
```

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

```
.border{ border-color:rgb(173, 133, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 133, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 133, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 133, 137);  
box-shadow:4px 4px 4px 4px rgb(173, 133,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4654, 0.3546, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 133, 137) }
```

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

```
.background{ background-color: rgb(173,  
133, 137) }
```

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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