

Converting Colors

$Y_{xy}(27.2705, 0.3546, 0.3234)$

Have a look what the booklet for
Yxy(27.2705, 0.3546, 0.3234)
contains.

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Color

Yxy(27.3233, 0.3546, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	AC8588
RGB	172, 133, 136
RGB Percent	67%, 52%, 53%
CMY	0.3256, 0.4784, 0.4667
CMYK	0.00, 0.23, 0.21, 0.33
HSL	355°, 19%, 60%
HSV	355°, 23%, 67%
XYZ	29.8394, 27.3233, 26.9867
YIQ	145.0030, 22.2810, 9.2010

Conversions

Conversions Part 2

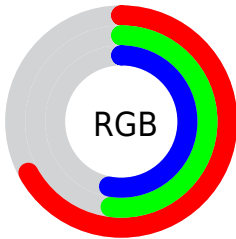
Format	Color
RYB	172, 133, 136
Decimal	11306376
CIELab	59.27, 15.37, 4.15
CIELCh	59, 15.924, 15.106
Yxy	27.3233, 0.3546, 0.3247
Android (android.graphics.Color)	4289496456 (0xFFAC8588)
YUV	145.0030, -4.4385, 23.6764
Hunter-Lab	52.2717, 10.4215, 5.9801

Details

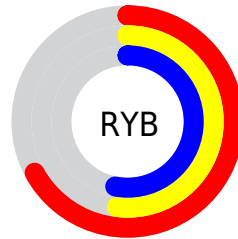
The Yxy color $27.3233, 0.3546, 0.3247$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $37.3481, 0.2820, 0.3334$, and the grayscale version is $28.3279, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.2859, 0.3460, 0.3257$, and $10.7803, 0.3708, 0.3228$ is the 20% darker color. If you saturate the color by 10%, you get $22.5753, 0.3806, 0.3227$, and if you desaturate by 10%, it is $32.9117, 0.3336, 0.3267$.

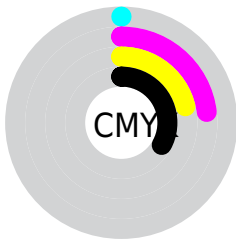
Distribution



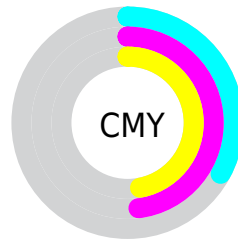
- Red (67%)
- Green (52%)
- Blue (53%)



- Red (67%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (33%)





- Cyan (33%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3233, 0.3546, 0.3247 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 27.3233, 0.3546, 0.3247 by changing the saturation by 10% instead.


 27.3233, 0.3546,
0.3247


 27.3233, 0.3546,
0.3247


289.2191, 0.3317,
0.3273


 17.8162, 0.3611,
0.3239


 55.4022, 0.3457,
0.3258

 10.8181, 0.3700,
0.3227


 74.7428, 0.3426,
0.3261

 5.9447, 0.3828,
0.3208


 98.1300, 0.3400,
0.3264

 2.8115, 0.4029,
0.3175

125.9482, 0.3378,
0.3267

 1.0341, 0.4396,
0.3113

158.5819, 0.3359,
0.3269

 0.0000, 1.0000,
0.0000

196.4153, 0.3343,

 0.0000, 0.0000,

0.3270

0.0000

239.8329, 0.3329,
0.3272

■ 27.3233, 0.3546,
0.3247

■ 27.3233, 0.3546,
0.3247

■ 22.5753, 0.3806,
0.3227

■ 32.9117, 0.3336,
0.3267

■ 18.6237, 0.4124,
0.3208

■ 39.3746, 0.3166,
0.3285

■ 15.4258, 0.4503,
0.3193


■ 46.7484, 0.3030,
0.3302

■ 12.9337, 0.4933,
0.3184


■ 55.0667, 0.2920,
0.3318

■ 11.0940, 0.5387,
0.3187


■ 64.3612, 0.2830,
0.3332

 9.8455, 0.5812,
0.3204

 74.6621, 0.2757,
0.3345

 9.1155, 0.6144,
0.3234

 85.9984, 0.2696,
0.3357

 8.7970, 0.6312,
0.3251

 87.5077, 0.2661,
0.3289

Harmonies

Analogous

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



27.3233, 0.3323, 0.3042



27.3233, 0.3546, 0.3247



27.3233, 0.3653, 0.3470

Triad

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



27.3233, 0.3546, 0.3247



27.3233, 0.3184, 0.3725



27.3233, 0.2661, 0.2908

Complementary

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



27.3233, 0.3546, 0.3247



37.3481, 0.2820, 0.3334

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.



27.3233, 0.2628, 0.3074



27.3233, 0.3546, 0.3247



27.3233, 0.2923, 0.3558

Square

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



27.3233, 0.3546, 0.3247



27.3233, 0.3437, 0.3759



27.3233, 0.2722, 0.3313



27.3233, 0.2812, 0.2848

Rectangle

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



27.3233, 0.3546, 0.3247



27.3233, 0.3642, 0.3604



27.3233, 0.2722, 0.3313



27.3233, 0.2636, 0.2952

Sweetspot

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



27.3246, 0.3546, 0.3247



66.0088, 0.3237, 0.3277



28.1623, 0.3118, 0.2733



14.2006, 0.3247, 0.3276



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.



27.3246, 0.3546, 0.3247



45.2379, 0.3665, 0.3237



32.0355, 0.3529, 0.3530



8.0249, 0.3275, 0.3273



6.5520, 0.6299, 0.3244



0.1854, 0.5892, 0.3019

Inverse Universe

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



27.3246, 0.3546, 0.3247



45.2379, 0.3665, 0.3237



31.6560, 0.2779, 0.3037



8.0249, 0.3275, 0.3273



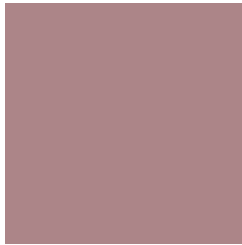
6.5520, 0.6299, 0.3244



0.1854, 0.5892, 0.3019

Previews

White Background



This preview shows how the Yxy color 27.3233, 0.3546, 0.3247 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 27.3233, 0.3546, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

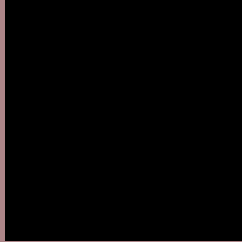
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3233, 0.3546, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 27.3233, 0.3546, 0.3247.



This preview shows how white text looks on a background with the Yxy color 27.3233, 0.3546, 0.3247.

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

27.3233, 0.3546, 0.3247

Protanopia

27.3801, 0.3180, 0.3306

Deuteranopia

27.3998, 0.3406, 0.3338



Tritanopia

27.3398, 0.3492, 0.3143

Trichromacy



Original Color

27.3233, 0.3546, 0.3247

Protanomaly

27.2979, 0.3304, 0.3291

Deuteranomaly

27.2501, 0.3456, 0.3306

Tritanomaly

27.2802, 0.3514, 0.3173

Monochromacy



Original Color

27.3233, 0.3546, 0.3247

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 27.3233, 0.3546, 0.3247 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(172, 133, 136)` looks like.

```
.text, #text, p{  
    color:rgb(172, 133, 136)  
}
```

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(172, 133, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 133, 136) }
```

Border

The CSS property to change the border of an element to Yxy 27.3233, 0.3546, 0.3247 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(172, 133, 136) }
```

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

```
.border{ border-color:rgb(172, 133, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 133, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 133, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 133, 136);  
box-shadow:4px 4px 4px 4px rgb(172, 133,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3233, 0.3546, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 133, 136) }
```

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

```
.background{ background-color: rgb(172,  
133, 136) }
```

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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