

Converting Colors

$Y_{xy}(27.5979, 0.3483, 0.3246)$

Have a look what the booklet for
Yxy(27.5979, 0.3483, 0.3246)
contains.

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Color

Yxy(27.5979, 0.3483, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	A9878A
RGB	169, 135, 138
RGB Percent	66%, 53%, 54%
CMY	0.3373, 0.4706, 0.4588
CMYK	0.00, 0.20, 0.18, 0.34
HSL	355°, 17%, 60%
HSV	355°, 20%, 66%
XYZ	29.6129, 27.5979, 27.8105
YIQ	145.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

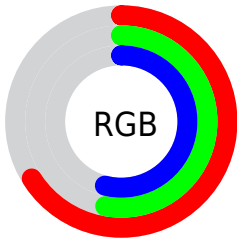
Format	Color
RYB	169, 135, 138
Decimal	11110282
CIELab	59.52, 13.43, 3.32
CIELCh	60, 13.832, 13.878
Yxy	27.5979, 0.3483, 0.3246
Android (android.graphics.Color)	4289300362 (0xFFA9878A)
YUV	145.5080, -3.7014, 20.6025
Hunter-Lab	52.5337, 8.6853, 5.3865

Details

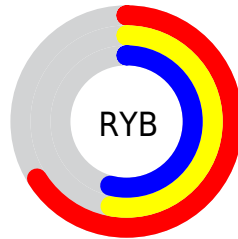
The Yxy color $27.5979, 0.3483, 0.3246$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $36.2793, 0.2855, 0.3335$, and the grayscale version is $28.5429, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.7356, 0.3415, 0.3257$, and $10.9146, 0.3611, 0.3227$ is the 20% darker color. If you saturate the color by 10%, you get $22.8363, 0.3726, 0.3223$, and if you desaturate by 10%, it is $33.1739, 0.3287, 0.3269$.

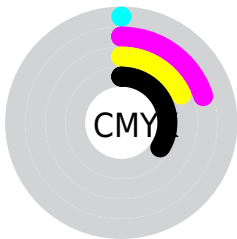
Distribution



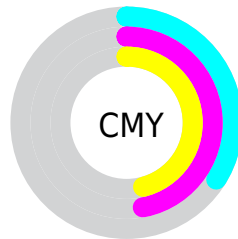
- Red (66%)
- Green (53%)
- Blue (54%)



- Red (66%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (34%)





- Cyan (34%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5979, 0.3483, 0.3246 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 27.5979, 0.3483, 0.3246 by changing the saturation by 10% instead.


 27.5979, 0.3483,
0.3246


 27.5979, 0.3483,
0.3246


290.5405, 0.3289,
0.3272

 18.0228, 0.3538,
0.3238


 55.8418, 0.3408,
0.3256

 10.9663, 0.3613,
0.3227


 75.2794, 0.3381,
0.3260

 6.0442, 0.3721,
0.3209


 98.7733, 0.3359,
0.3263

 2.8720, 0.3890,
0.3180

126.7078, 0.3340,
0.3265

 1.0653, 0.4193,
0.3122

159.4674, 0.3325,
0.3267

 0.0000, 1.0000,
0.0000


197.4365, 0.3311,


 0.0000, 0.0000,


0.3269


0.0000


240.9994, 0.3299,
0.3270


 27.5979, 0.3483,
0.3246


 27.5979, 0.3483,
0.3246

 22.8363, 0.3726,
0.3223

 33.1739, 0.3287,
0.3269


 18.8474, 0.4024,
0.3200


 39.5960, 0.3129,
0.3290

 15.5916, 0.4381,
0.3181

 46.8986, 0.3001,
0.3309

 13.0243, 0.4794,
0.3168

 55.1134, 0.2898,
0.3327

 11.0958, 0.5241,
0.3166

 64.2702, 0.2814,
0.3343

■ 9.7500, 0.5678,
0.3180

■ 74.3977, 0.2745,
0.3358

■ 8.9209, 0.6043,
0.3210

■ 85.5232, 0.2688,
0.3371

■ 8.4688, 0.6294,
0.3241

■ 87.1746, 0.2647,
0.3289

Harmonies

Analogous

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



27.5979, 0.3288, 0.3068



27.5979, 0.3483, 0.3246



27.5979, 0.3580, 0.3441

Triad

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



27.5979, 0.3483, 0.3246



27.5979, 0.3187, 0.3668



27.5979, 0.2718, 0.2963

Complementary

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



27.5979, 0.3483, 0.3246



36.2793, 0.2855, 0.3335

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.



27.5979, 0.2694, 0.3112



27.5979, 0.3483, 0.3246



27.5979, 0.2960, 0.3529

Square

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



27.5979, 0.3483, 0.3246



27.5979, 0.3405, 0.3694



27.5979, 0.2781, 0.3320



27.5979, 0.2847, 0.2906

Rectangle

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



27.5979, 0.3483, 0.3246



27.5979, 0.3575, 0.3558



27.5979, 0.2781, 0.3320



27.5979, 0.2698, 0.3004

Sweetspot

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



27.5992, 0.3483, 0.3246



63.8374, 0.3219, 0.3277



28.2575, 0.3114, 0.2796



13.7626, 0.3229, 0.3276



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.5992, 0.3483, 0.3246



45.5745, 0.3582, 0.3236



31.5533, 0.3478, 0.3493



7.5526, 0.3272, 0.3270



6.3157, 0.6279, 0.3233



0.1569, 0.5793, 0.2965

Inverse Universe

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



27.5992, 0.3483, 0.3246



45.5745, 0.3582, 0.3236



31.5920, 0.2820, 0.3078



7.5526, 0.3272, 0.3270



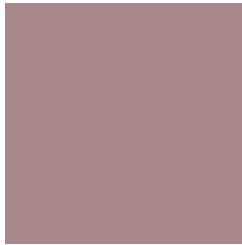
6.3157, 0.6279, 0.3233



0.1569, 0.5793, 0.2965

Previews

White Background



This preview shows how the Yxy color 27.5979, 0.3483, 0.3246 looks on a white background.

Color Contrast Check

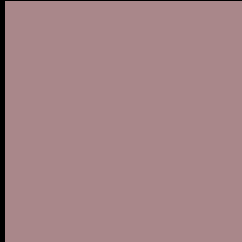
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5979, 0.3483, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

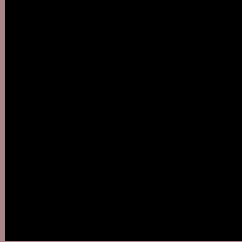
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5979, 0.3483, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 27.5979, 0.3483, 0.3246.



This preview shows how white text looks on a background with the Yxy color 27.5979, 0.3483, 0.3246.

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

27.5979, 0.3483, 0.3246

Protanopia

27.7089, 0.3169, 0.3306

Deuteranopia

27.7450, 0.3382, 0.3322



Tritanopia

27.6099, 0.3430, 0.3142

Trichromacy



Original Color

27.5979, 0.3483, 0.3246

Protanomaly

27.5493, 0.3270, 0.3275

Deuteranomaly

27.7696, 0.3418, 0.3306

Tritanomaly

27.5492, 0.3452, 0.3172

Monochromacy



Original Color

27.5979, 0.3483, 0.3246

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.1992, 0.3247, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5979, 0.3483, 0.3246 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(169, 135, 138)` looks like.

```
.text, #text, p{  
    color:rgb(169, 135, 138)  
}
```

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(169, 135, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 135, 138) }
```

Border

The CSS property to change the border of an element to Yxy 27.5979, 0.3483, 0.3246 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(169, 135, 138) }
```

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

```
.border{ border-color:rgb(169, 135, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 135, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 135, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 135, 138);  
box-shadow:4px 4px 4px 4px rgb(169, 135,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5979, 0.3483, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 135, 138) }
```

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

```
.background{ background-color: rgb(169,  
135, 138) }
```

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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