

Converting Colors

$Y_{xy}(27.4183, 0.3578, 0.3380)$

Have a look what the booklet for
Yxy(27.4183, 0.3578, 0.3380)
contains.

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Color

Yxy(27.3479, 0.3585, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	A98781
RGB	169, 135, 129
RGB Percent	66%, 53%, 51%
CMY	0.3373, 0.4706, 0.4940
CMYK	0.00, 0.20, 0.24, 0.34
HSL	9°, 19%, 58%
HSV	9°, 24%, 66%
XYZ	28.9894, 27.3479, 24.5258
YIQ	144.4820, 22.1900, 5.3420

Conversions

Conversions Part 2

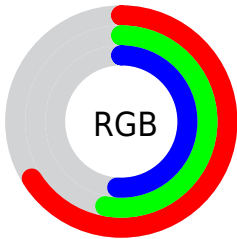
Format	Color
R_{YB}	169, 136, 129
Decimal	11110273
CIE _{Lab}	59.29, 12.02, 8.13
CIE _{LCh}	59, 14.510, 34.076
Yxy	27.3479, 0.3585, 0.3382
Android (android.graphics.Color)	4289300353 (0xFFA98781)
YUV	144.4820, -7.6326, 21.5023
Hunter-Lab	52.2952, 7.4334, 8.8004

Details

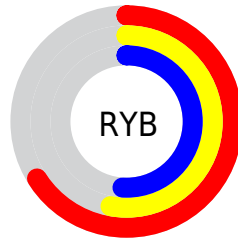
The Yxy color $27.3479, 0.3585, 0.3382$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $33.7331, 0.2778, 0.3196$, and the grayscale version is $28.1202, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3514, 0.3489, 0.3360$, and $10.7892, 0.3750, 0.3400$ is the 20% darker color. If you saturate the color by 10%, you get $23.1930, 0.3851, 0.3424$, and if you desaturate by 10%, it is $32.1210, 0.3365, 0.3341$.

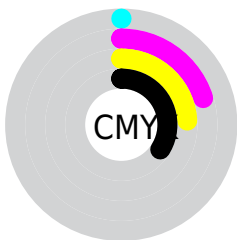
Distribution



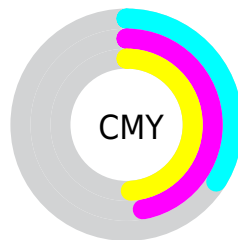
- Red (66%)
- Green (53%)
- Blue (51%)



- Red (66%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (34%)




- Cyan (34%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3479, 0.3585, 0.3382 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 27.3479, 0.3585, 0.3382 by changing the saturation by 10% instead.


 27.3479, 0.3585,
0.3382


 27.3479, 0.3585,
0.3382

289.3377, 0.3334,
0.3336


 17.8347, 0.3656,
0.3393


 55.4416, 0.3488,
0.3365

 10.8314, 0.3753,
0.3407


 74.7909, 0.3453,
0.3359

 5.9536, 0.3894,
0.3425


 98.1877, 0.3425,
0.3354

 2.8169, 0.4114,
0.3446

126.0164, 0.3401,
0.3349

 1.0369, 0.4591,
0.3530

158.6613, 0.3380,
0.3345

 0.0000, 1.0000,
0.0000

196.5069, 0.3363,

 0.0000, 0.0000,

0.3342

0.0000

239.9376, 0.3347,
0.3339

■ 27.3479, 0.3585,
0.3382

■ 27.3479, 0.3585,
0.3382

■ 23.1930, 0.3851,
0.3424

■ 32.1210, 0.3365,
0.3341

■ 19.6273, 0.4168,
0.3464

■ 37.5321, 0.3185,
0.3303

■ 16.6251, 0.4537,
0.3498

■ 43.6051, 0.3036,
0.3268


■ 14.1573, 0.4949,
0.3520


■ 50.3612, 0.2914,
0.3236


■ 12.1924, 0.5378,
0.3523


■ 57.8210, 0.2813,
0.3207

 10.6952, 0.5778,
0.3500


 66.0039, 0.2728,
0.3180

 9.6261, 0.6095,
0.3450

 74.9288, 0.2657,
0.3156

 9.1429, 0.6251,
0.3419

 84.0056, 0.2640,
0.3233

 87.1750, 0.2647,
0.3289

Harmonies

Analogous

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



27.3479, 0.3443, 0.3178



27.3479, 0.3585, 0.3382



27.3479, 0.3598, 0.3572

Triad

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



27.3479, 0.3585, 0.3382



27.3479, 0.3026, 0.3601



27.3479, 0.2778, 0.2895

Complementary

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



27.3479, 0.3585, 0.3382



33.7331, 0.2778, 0.3196

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.



27.3479, 0.2676, 0.2988



27.3479, 0.3585, 0.3382



27.3479, 0.2816, 0.3397

Square

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



27.3479, 0.3585, 0.3382



27.3479, 0.3269, 0.3711



27.3479, 0.2690, 0.3169



27.3479, 0.2973, 0.2904

Rectangle

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



27.3479, 0.3585, 0.3382



27.3479, 0.3532, 0.3665



27.3479, 0.2690, 0.3169



27.3479, 0.2732, 0.2914

Sweetspot

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



27.3492, 0.3585, 0.3382



63.7253, 0.3243, 0.3316



26.8088, 0.3210, 0.2787



13.7701, 0.3253, 0.3318



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.



27.3492, 0.3585, 0.3382



45.2408, 0.3707, 0.3402



33.2441, 0.3522, 0.3666



7.7169, 0.3282, 0.3324



6.8656, 0.6237, 0.3430



0.2192, 0.5746, 0.3819

Inverse Universe

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



33.7331, 0.2778, 0.3196



58.5361, 0.2710, 0.3174



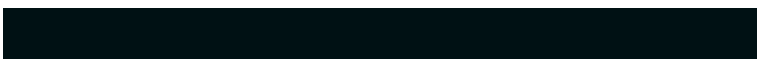
27.3824, 0.2753, 0.2883



8.3379, 0.2987, 0.3255



16.9962, 0.2116, 0.2816



0.4637, 0.2163, 0.2988

Previews

White Background



This preview shows how the Yxy color 27.3479, 0.3585, 0.3382 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 27.3479, 0.3585, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

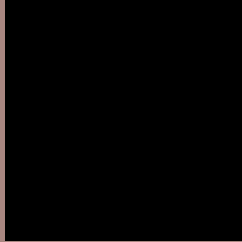
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3479, 0.3585, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 27.3479, 0.3585, 0.3382.



This preview shows how white text looks on a background with the Yxy color 27.3479, 0.3585, 0.3382.

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

27.3479, 0.3585, 0.3382

Protanopia

27.3354, 0.3284, 0.3436

Deuteranopia

27.4169, 0.3506, 0.3447



Tritanopia

27.4162, 0.3455, 0.3142

Trichromacy



Original Color

27.3479, 0.3585, 0.3382

Protanomaly

27.1991, 0.3390, 0.3402

Deuteranomaly

27.4492, 0.3543, 0.3430

Tritanomaly

27.4312, 0.3497, 0.3231

Monochromacy



Original Color

27.3479, 0.3585, 0.3382

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.6861, 0.3278, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3479, 0.3585, 0.3382 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(169, 135, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 135, 129) }
```

Border

The CSS property to change the border of an element to Yxy 27.3479, 0.3585, 0.3382 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, 129) }
```

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

```
.border{ border-color:rgb(169, 135, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 135, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 135, 129);  
box-shadow:4px 4px 4px 4px rgb(169, 135,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3479, 0.3585, 0.3382 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, 129) }
```

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

```
.background{ background-color: rgb(169,  
135, 129) }
```

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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