

Converting Colors

$Y_{xy}(27.0230, 0.3311, 0.3385)$

Have a look what the booklet for
Yxy(27.0230, 0.3311, 0.3385)
contains.

Yxy(27.0567, 0.3310, 0.3387)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.0567, 0.3310, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	978C86
RGB	151, 140, 134
RGB Percent	59%, 55%, 53%
CMY	0.4079, 0.4509, 0.4745
CMYK	0.00, 0.07, 0.11, 0.41
HSL	21°, 8%, 56%
HSV	21°, 11%, 59%
XYZ	26.4416, 27.0567, 26.3857
YIQ	142.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

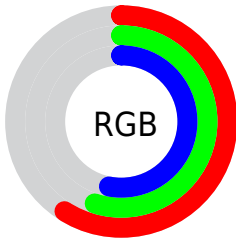
Format	Color
R_{YB}	151, 143, 134
Decimal	9931910
CIE _{Lab}	59.03, 3.01, 4.67
CIE _{LCh}	59, 5.553, 57.167
Yxy	27.0567, 0.3310, 0.3387
Android (android.graphics.Color)	4288121990 (0xFF978C86)
YUV	142.6050, -4.2423, 7.3624
Hunter-Lab	52.0161, -0.2903, 6.3358

Details

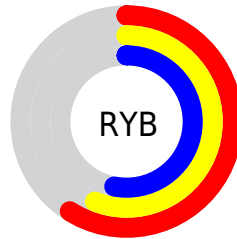
The Yxy color $27.0567, 0.3310, 0.3387$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.5481, 0.2958, 0.3191$, and the grayscale version is $27.3173, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.1506, 0.3270, 0.3375$, and $10.6617, 0.3384, 0.3432$ is the 20% darker color. If you saturate the color by 10%, you get $23.9388, 0.3502, 0.3479$, and if you desaturate by 10%, it is $30.4903, 0.3146, 0.3300$.

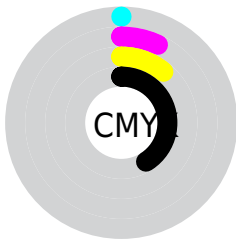
Distribution



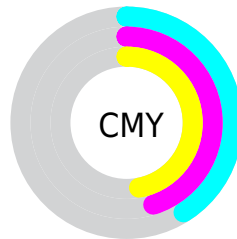
- Red (59%)
- Green (55%)
- Blue (53%)



- Red (59%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (41%)





- Cyan (41%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0567, 0.3310, 0.3387 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 27.0567, 0.3310, 0.3387 by changing the saturation by 10% instead.


 27.0567, 0.3310,
0.3387


 27.0567, 0.3310,
0.3387


287.9315, 0.3210,
0.3335


 17.6158, 0.3338,
0.3401


 54.9748, 0.3271,
0.3367

 10.6745, 0.3377,
0.3421


 74.2209, 0.3258,
0.3360

 5.8484, 0.3433,
0.3449

 97.5041, 0.3246,
0.3354

 2.7531, 0.3521,
0.3492

125.2089, 0.3237,
0.3349

 1.0042, 0.3699,
0.3583

157.7196, 0.3228,
0.3345

 0.0000, 0.0000,
0.0000

195.4207, 0.3221,

0.3341

238.6966, 0.3215,
0.3338

■ 27.0567, 0.3310,
0.3387

■ 27.0567, 0.3310,
0.3387

■ 23.9388, 0.3502,
0.3479

■ 30.4903, 0.3146,
0.3300

■ 21.1238, 0.3726,
0.3574

■ 34.2446, 0.3006,
0.3220

■ 18.6034, 0.3983,
0.3668

■ 38.3291, 0.2886,
0.3146

■ 16.3676, 0.4275,
0.3755

■ 42.7519, 0.2784,
0.3078

■ 14.4057, 0.4595,
0.3827

■ 47.5207, 0.2696,
0.3016

■ 12.7062, 0.4931,
0.3873

■ 52.6430, 0.2620,
0.2959

■ 11.2569, 0.5263,
0.3880

■ 58.1261, 0.2555,
0.2907

■ 10.0441, 0.5563,
0.3840

■ 63.9768, 0.2498,
0.2860

■ 9.1582, 0.5797,
0.3779

■ 69.2055, 0.2516,
0.2975

Harmonies

Analogous

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



27.0567, 0.3293, 0.3310



27.0567, 0.3310, 0.3387



27.0567, 0.3277, 0.3439

Triad

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



27.0567, 0.3310, 0.3387



27.0567, 0.3024, 0.3351



27.0567, 0.3049, 0.3133

Complementary

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



27.0567, 0.3310, 0.3387



27.5481, 0.2958, 0.3191

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.



27.0567, 0.2978, 0.3142



27.0567, 0.3310, 0.3387



27.0567, 0.2964, 0.3266

Square

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



27.0567, 0.3310, 0.3387



27.0567, 0.3111, 0.3419



27.0567, 0.2948, 0.3190



27.0567, 0.3141, 0.3166

Rectangle

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



27.0567, 0.3310, 0.3387



27.0567, 0.3232, 0.3453



27.0567, 0.2948, 0.3190



27.0567, 0.3022, 0.3131

Sweetspot

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



27.0579, 0.3310, 0.3387



53.4583, 0.3174, 0.3316



25.6757, 0.3202, 0.3114



12.0398, 0.3186, 0.3322



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.0579, 0.3310, 0.3387



47.2976, 0.3346, 0.3405



29.6162, 0.3294, 0.3519



6.5622, 0.3275, 0.3369



7.8427, 0.5786, 0.3788



0.1815, 0.5070, 0.4357

Inverse Universe

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



27.5481, 0.2958, 0.3191



48.3190, 0.2928, 0.3172



25.0677, 0.2956, 0.3050



6.6588, 0.2989, 0.3210



9.3267, 0.1922, 0.2117



0.2074, 0.2080, 0.2687

Previews

White Background



This preview shows how the Yxy color 27.0567, 0.3310, 0.3387 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 27.0567, 0.3310, 0.3387 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 27.0567, 0.3310, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 27.0567, 0.3310, 0.3387.



This preview shows how white text looks on a background with the Yxy color 27.0567, 0.3310, 0.3387.

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

27.0567, 0.3310, 0.3387

Protanopia

27.2063, 0.3241, 0.3404

Deuteranopia

27.0115, 0.3397, 0.3322



Tritanopia

27.1192, 0.3179, 0.3118

Trichromacy



Original Color

27.0567, 0.3310, 0.3387

Protanomaly

27.0949, 0.3265, 0.3388

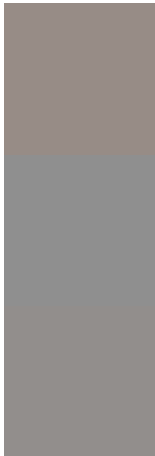
Deuteranomaly

26.9941, 0.3360, 0.3338

Tritanomaly

27.1543, 0.3218, 0.3211

Monochromacy



Original Color

27.0567, 0.3310, 0.3387

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.3504, 0.3190, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0567, 0.3310, 0.3387 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(151, 140, 134)` looks like.

```
.text, #text, p{  
    color:rgb(151, 140, 134)  
}
```

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(151, 140, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 140, 134) }
```

Border

The CSS property to change the border of an element to Yxy 27.0567, 0.3310, 0.3387 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(151, 140, 134) }
```

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

```
.border{ border-color:rgb(151, 140, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 140, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 140, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 140, 134);  
box-shadow:4px 4px 4px 4px rgb(151, 140,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0567, 0.3310, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 140, 134) }
```

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

```
.background{ background-color: rgb(151,  
140, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor