

Converting Colors

$Yxy(27.4829, 0.3096, 0.3484)$

Have a look what the booklet for
Yxy(27.4829, 0.3096, 0.3484)
contains.

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Color

Yxy(27.6033, 0.3097, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	859387
RGB	133, 147, 135
RGB Percent	52%, 58%, 53%
CMY	0.4784, 0.4235, 0.4705
CMYK	0.10, 0.00, 0.08, 0.42
HSL	129°, 6%, 55%
HSV	129°, 10%, 58%
XYZ	24.4809, 27.6033, 26.9630
YIQ	141.4460, -4.4920, -6.7000

Conversions

Conversions Part 2

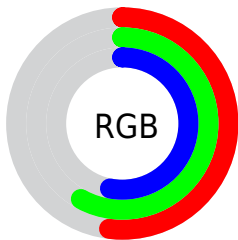
Format	Color
R_{YB}	133, 145, 147
Decimal	8754055
CIE _{Lab}	59.53, -7.43, 4.63
CIE _{LCh}	60, 8.752, 148.072
Yxy	27.6033, 0.3097, 0.3492
Android (android.graphics.Color)	4286944135 (0xFF859387)
YUV	141.4460, -3.1779, -7.4071
Hunter-Lab	52.5388, -8.7693, 6.3495

Details

The Yxy color $27.6033, 0.3097, 0.3492$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.0241, 0.3159, 0.3096$, and the grayscale version is $26.8355, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.8432, 0.3104, 0.3452$, and $10.8606, 0.3084, 0.3567$ is the 20% darker color. If you saturate the color by 10%, you get $26.1564, 0.3065, 0.3731$, and if you desaturate by 10%, it is $29.2620, 0.3129, 0.3280$.

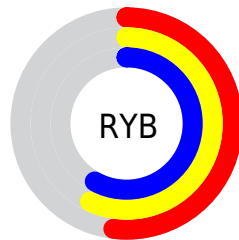
Distribution



Red (52%)

Green (58%)

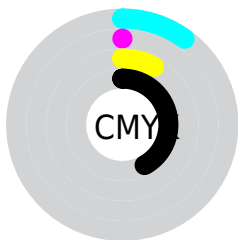
Blue (53%)



Red (52%)

Yellow (57%)

Blue (58%)

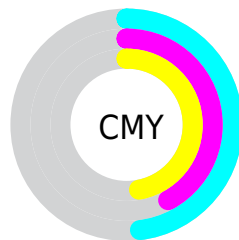


Cyan (10%)

Magenta (0%)

Yellow (8%)

Black (42%)



Cyan (48%)


Magenta (42%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6033, 0.3097, 0.3492 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 27.6033, 0.3097, 0.3492 by changing the saturation by 10% instead.

 27.6033, 0.3097,
0.3492


 27.6033, 0.3097,
0.3492


290.5664, 0.3114,
0.3381


 18.0268, 0.3092,
0.3524


 55.8505, 0.3104,
0.3449

 10.9693, 0.3085,
0.3567


 75.2900, 0.3106,
0.3433

 6.0462, 0.3074,
0.3631

 98.7859, 0.3108,
0.3421

 2.8732, 0.3056,
0.3733

126.7227, 0.3110,
0.3410

 1.0659, 0.3028,
0.3930

159.4848, 0.3111,
0.3401

 0.0000, 0.0000,
0.0000

197.4565, 0.3112,

0.3394

241.0223, 0.3113,
0.3387

■ 27.6033, 0.3097,
0.3492

■ 27.6033, 0.3097,
0.3492

■ 26.1564, 0.3065,
0.3731

■ 29.2620, 0.3129,
0.3280

■ 24.9093, 0.3033,
0.3997

■ 31.1369, 0.3159,
0.3095

■ 23.8544, 0.3003,
0.4286

■ 33.2366, 0.3188,
0.2934

■ 22.9820, 0.2977,
0.4592

■ 35.5683, 0.3214,
0.2794

■ 22.2816, 0.2957,
0.4902

■ 38.1387, 0.3239,
0.2673

■ 21.7418, 0.2945,
0.5202

■ 40.9544, 0.3262,
0.2568

■ 21.3495, 0.2943,
0.5471

■ 44.0217, 0.3283,
0.2477

■ 21.0898, 0.2950,
0.5693

■ 47.3466, 0.3302,
0.2398

■ 20.9290, 0.2962,
0.5856

■ 48.9274, 0.3231,
0.2302

Harmonies

Analogous

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



27.6033, 0.3243, 0.3545



27.6033, 0.3097, 0.3492



27.6033, 0.2962, 0.3381

Triad

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



27.6033, 0.3097, 0.3492



27.6033, 0.2898, 0.3057



27.6033, 0.3390, 0.3324

Complementary

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



27.6033, 0.3097, 0.3492



25.0241, 0.3159, 0.3096

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.



27.6033, 0.3293, 0.3200



27.6033, 0.3097, 0.3492



27.6033, 0.3008, 0.3048

Square

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



27.6033, 0.3097, 0.3492



27.6033, 0.2848, 0.3128



27.6033, 0.3152, 0.3100



27.6033, 0.3414, 0.3443

Rectangle

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



27.6033, 0.3097, 0.3492



27.6033, 0.2895, 0.3292



27.6033, 0.3152, 0.3100



27.6033, 0.3364, 0.3282

Sweetspot

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



27.6045, 0.3097, 0.3492



51.3083, 0.3118, 0.3352



28.5935, 0.3244, 0.3518



11.6599, 0.3115, 0.3368



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.6045, 0.3097, 0.3492



48.9664, 0.3092, 0.3531



27.8040, 0.3033, 0.3375



6.4812, 0.3098, 0.3485



18.1405, 0.2960, 0.5856



0.2246, 0.2811, 0.5318

Inverse Universe

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



25.0241, 0.3159, 0.3096



43.5790, 0.3165, 0.3061



24.8188, 0.3232, 0.3206



5.8951, 0.3158, 0.3103



6.6851, 0.3597, 0.1755



0.0850, 0.3385, 0.1638

Previews

White Background



This preview shows how the Yxy color 27.6033, 0.3097, 0.3492 looks on a white background.

Color Contrast Check

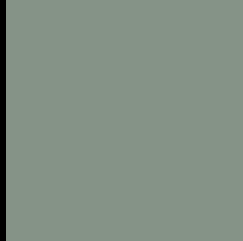
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6033, 0.3097, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

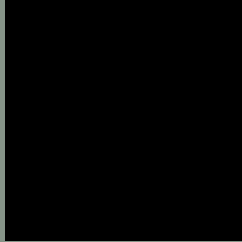
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

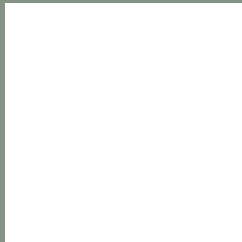
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.6033, 0.3097, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 27.6033, 0.3097, 0.3492.



This preview shows how white text looks on a background with the Yxy color 27.6033, 0.3097, 0.3492.

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

27.6033, 0.3097, 0.3492

Protanopia

27.6343, 0.3282, 0.3452

Deuteranopia

27.3540, 0.3373, 0.3306



Tritanopia

27.5473, 0.2941, 0.3111

Trichromacy



Original Color

27.6033, 0.3097, 0.3492

Protanomaly

27.5074, 0.3216, 0.3455

Deuteranomaly

27.3114, 0.3276, 0.3371

Tritanomaly

27.5398, 0.2996, 0.3240

Monochromacy



Original Color

27.6033, 0.3097, 0.3492

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.9123, 0.3113, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6033, 0.3097, 0.3492 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(133, 147, 135)` looks like.

```
.text, #text, p{  
    color:rgb(133, 147, 135)  
}
```

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(133, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 147, 135) }
```

Border

The CSS property to change the border of an element to Yxy 27.6033, 0.3097, 0.3492 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(133, 147, 135) }
```

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

```
.border{ border-color:rgb(133, 147, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 147, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(133, 147,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6033, 0.3097, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 147, 135) }
```

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

```
.background{ background-color: rgb(133,  
147, 135) }
```

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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