

Converting Colors

$Y_{xy}(27.3616, 0.3127, 0.2984)$

Have a look what the booklet for
Yxy(27.3616, 0.3127, 0.2984)
contains.

Yxy(27.3936, 0.3131, 0.2984)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.3936, 0.3131, 0.2984)

Conversions

Conversions Part 1

Format	Color
Hex	9C899D
RGB	156, 137, 157
RGB Percent	61%, 54%, 62%
CMY	0.3882, 0.4627, 0.3844
CMYK	0.01, 0.13, 0.00, 0.38
HSL	297°, 9%, 58%
HSV	297°, 13%, 62%
XYZ	28.7431, 27.3936, 35.6649
YIQ	144.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

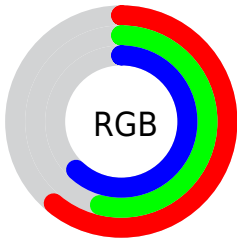
Format	Color
R _Y B	156, 137, 157
Decimal	10258845
CIE Lab	59.34, 10.88, -7.97
CIE LCh	59, 13.491, 323.765
Yxy	27.3936, 0.3131, 0.2984
Android (android.graphics.Color)	4288448925 (0xFF9C899D)
YUV	144.9610, 5.9352, 9.6812
Hunter-Lab	52.3389, 6.4342, -3.7643

Details

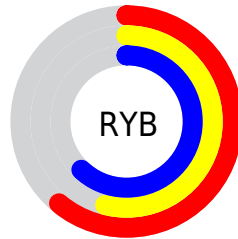
The Yxy color $27.3936, 0.3131, 0.2984$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.3167, 0.3121, 0.3614$, and the grayscale version is $28.2737, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.4293, 0.3131, 0.3036$, and $10.8603, 0.3131, 0.2873$ is the 20% darker color. If you saturate the color by 10%, you get $23.1757, 0.3133, 0.2737$, and if you desaturate by 10%, it is $32.2638, 0.3128, 0.3226$.

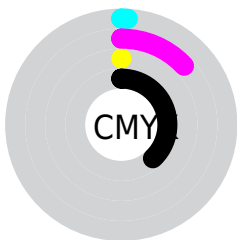
Distribution



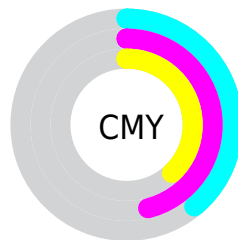
- Red (61%)
- Green (54%)
- Blue (62%)



- Red (61%)
- Yellow (54%)
- Blue (62%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)




- Cyan (39%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3936, 0.3131, 0.2984 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 27.3936, 0.3131, 0.2984 by changing the saturation by 10% instead.

 27.3936, 0.3131,
0.2984


 27.3936, 0.3131,
0.2984


289.5578, 0.3130,
0.3147


 17.8690, 0.3131,
0.2940


 55.5148, 0.3131,
0.3046

 10.8560, 0.3130,
0.2880


 74.8803, 0.3131,
0.3068

 5.9701, 0.3128,
0.2797


 98.2948, 0.3131,
0.3087

 2.8269, 0.3123,
0.2671

126.1429, 0.3131,
0.3103

 1.0420, 0.3109,
0.2460

158.8088, 0.3131,
0.3116

 0.0000, 0.2908,
0.0000

196.6770, 0.3131,

 0.0000, 0.0000,

0.3128

0.0000

240.1319, 0.3131,
0.3138

■ 27.3936, 0.3131,
0.2984

■ 27.3936, 0.3131,
0.2984

■ 23.1757, 0.3133,
0.2737

■ 32.2638, 0.3128,
0.3226

■ 19.5785, 0.3133,
0.2492

■ 37.8089, 0.3124,
0.3457

■ 16.5734, 0.3132,
0.2256

■ 44.0550, 0.3120,
0.3675

■ 14.1278, 0.3129,
0.2039

■ 51.0254, 0.3116,
0.3877

■ 12.2062, 0.3124,
0.1850

■ 58.7428, 0.3111,
0.4063

■ 10.7691, 0.3117,
0.1696

■ 67.2285, 0.3106,
0.4233

■ 9.7712, 0.3108,
0.1583

■ 76.5031, 0.3101,
0.4387

■ 9.1586, 0.3097,
0.1511

■ 81.6478, 0.3101,
0.4460

■ 8.8573, 0.3089,
0.1476

■ 81.7280, 0.3105,
0.4458

Harmonies

Analogous

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



27.3936, 0.2914, 0.2916



27.3936, 0.3131, 0.2984



27.3936, 0.3354, 0.3126

Triad

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



27.3936, 0.3131, 0.2984



27.3936, 0.3505, 0.3638



27.3936, 0.2749, 0.3249

Complementary

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



27.3936, 0.3131, 0.2984



31.3167, 0.3121, 0.3614

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.



27.3936, 0.2898, 0.3460



27.3936, 0.3131, 0.2984



27.3936, 0.3334, 0.3689

Square

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



27.3936, 0.3131, 0.2984



27.3936, 0.3575, 0.3497



27.3936, 0.3111, 0.3625



27.3936, 0.2699, 0.3060

Rectangle

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



27.3936, 0.3131, 0.2984



27.3936, 0.3474, 0.3246



27.3936, 0.3111, 0.3625



27.3936, 0.2789, 0.3321

Sweetspot

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



27.3948, 0.3131, 0.2984



56.5488, 0.3129, 0.3194



25.9291, 0.2931, 0.2981



12.3006, 0.3129, 0.3177



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.3948, 0.3131, 0.2984



47.0287, 0.3132, 0.2921



27.1961, 0.3234, 0.3120



6.7382, 0.3130, 0.3069



7.1997, 0.3090, 0.1476



0.1332, 0.3141, 0.1504

Inverse Universe

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



26.8923, 0.3341, 0.3275



45.9689, 0.3392, 0.3272



31.5033, 0.3032, 0.3466



6.6511, 0.3277, 0.3280



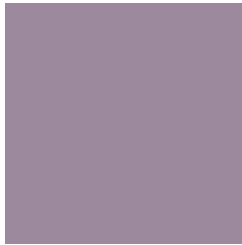
5.8370, 0.6331, 0.3261



0.1057, 0.6012, 0.3086

Previews

White Background



This preview shows how the Yxy color 27.3936, 0.3131, 0.2984 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 27.3936, 0.3131, 0.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

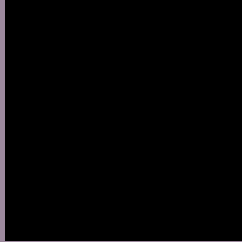
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3936, 0.3131, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 27.3936, 0.3131, 0.2984.



This preview shows how white text looks on a background with the Yxy color 27.3936, 0.3131, 0.2984.

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

27.3936, 0.3131, 0.2984

Protanopia

27.4595, 0.2935, 0.3003

Deuteranopia

27.4789, 0.3076, 0.3010



Tritanopia

27.3154, 0.3201, 0.3119

Trichromacy



Original Color

27.3936, 0.3131, 0.2984

Protanomaly

27.3704, 0.3005, 0.2991

Deuteranomaly

27.3836, 0.3098, 0.2996

Tritanomaly

27.4125, 0.3170, 0.3073

Monochromacy



Original Color

27.3936, 0.3131, 0.2984

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9055, 0.3132, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3936, 0.3131, 0.2984 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(156, 137, 157)` looks like.

```
.text, #text, p{  
    color:rgb(156, 137, 157)  
}
```

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(156, 137, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 137, 157) }
```

Border

The CSS property to change the border of an element to Yxy 27.3936, 0.3131, 0.2984 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(156, 137, 157) }
```

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

```
.border{ border-color:rgb(156, 137, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 137, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 137, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 137, 157);  
box-shadow:4px 4px 4px 4px rgb(156, 137,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3936, 0.3131, 0.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 137, 157) }
```

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

```
.background{ background-color: rgb(156,  
137, 157) }
```

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