

Converting Colors

$Y_{xy}(27.4496, 0.3348, 0.3287)$

Have a look what the booklet for
Yxy(27.4496, 0.3348, 0.3287)
contains.

Yxy(27.3101, 0.3340, 0.3275)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.3101, 0.3340, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	9E8A8B
RGB	158, 138, 139
RGB Percent	62%, 54%, 55%
CMY	0.3803, 0.4588, 0.4549
CMYK	0.00, 0.13, 0.12, 0.38
HSL	357°, 9%, 58%
HSV	357°, 13%, 62%
XYZ	27.8521, 27.3101, 28.2274
YIQ	144.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

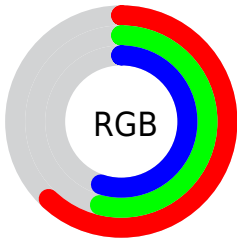
Format	Color
R_{YB}	158, 138, 139
Decimal	10390155
CIE _{Lab}	59.26, 7.71, 2.23
CIE _{LCh}	59, 8.025, 16.153
Yxy	27.3101, 0.3340, 0.3275
Android (android.graphics.Color)	4288580235 (0xFF9E8A8B)
YUV	144.0940, -2.5113, 12.1956
Hunter-Lab	52.2591, 3.6805, 4.5562

Details

The Yxy color **27.3101, 0.3340, 0.3275** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **32.2996, 0.2947, 0.3305**, and the grayscale version is **27.9379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2135, 0.3301, 0.3279**, and **10.7649, 0.3411, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **22.6930, 0.3555, 0.3262**, and if you desaturate by 10%, it is **32.6497, 0.3167, 0.3287**.

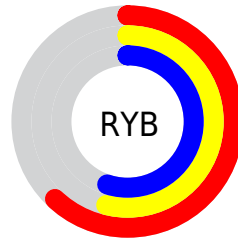
Distribution



Red (62%)

Green (54%)

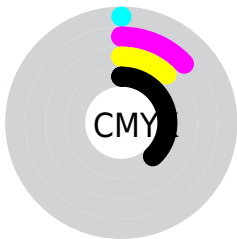
Blue (55%)



Red (62%)

Yellow (54%)

Blue (55%)

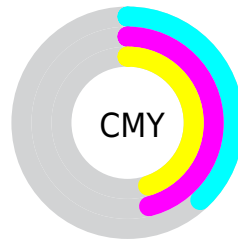


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (38%)



Cyan (38%)


Magenta (46%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3101, 0.3340, 0.3275 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 27.3101, 0.3340, 0.3275 by changing the saturation by 10% instead.


 27.3101, 0.3340,
0.3275


 27.3101, 0.3340,
0.3275


289.1554, 0.3224,
0.3284


 17.8063, 0.3373,
0.3272


 55.3811, 0.3295,
0.3279

 10.8110, 0.3418,
0.3268


 74.7170, 0.3279,
0.3280

 5.9399, 0.3483,
0.3262

 98.0991, 0.3266,
0.3281

 2.8086, 0.3585,
0.3251

125.9117, 0.3255,
0.3282

 1.0326, 0.3768,
0.3229

158.5392, 0.3245,
0.3282

 0.0000, 1.0000,
0.0000

196.3661, 0.3237,

 0.0000, 0.0000,

0.3283

0.0000

239.7767, 0.3230,
0.3284

■ 27.3101, 0.3340,
0.3275

■ 27.3101, 0.3340,
0.3275

■ 22.6930, 0.3555,
0.3262

■ 32.6497, 0.3167,
0.3287

■ 18.7639, 0.3820,
0.3250

■ 38.7370, 0.3028,
0.3298

■ 15.4909, 0.4145,
0.3238

■ 45.6006, 0.2916,
0.3308

■ 12.8384, 0.4530,
0.3228

■ 53.2666, 0.2824,
0.3317

■ 10.7671, 0.4967,
0.3224

■ 61.7596, 0.2750,
0.3325

■ 9.2335, 0.5425,
0.3226

■ 71.1034, 0.2688,
0.3333

■ 8.1877, 0.5850,
0.3238

■ 81.3208, 0.2637,
0.3340

■ 7.5709, 0.6175,
0.3258

■ 86.0114, 0.2597,
0.3288

■ 7.2887, 0.6338,
0.3265

Harmonies

Analogous

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



27.3101, 0.3231, 0.3166



27.3101, 0.3340, 0.3275



27.3101, 0.3391, 0.3390

Triad

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



27.3101, 0.3340, 0.3275



27.3101, 0.3154, 0.3502



27.3101, 0.2890, 0.3095

Complementary

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



27.3101, 0.3340, 0.3275



32.2996, 0.2947, 0.3305

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.



27.3101, 0.2871, 0.3181



27.3101, 0.3340, 0.3275



27.3101, 0.3021, 0.3419

Square

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



27.3101, 0.3340, 0.3275



27.3101, 0.3281, 0.3525



27.3101, 0.2918, 0.3300



27.3101, 0.2972, 0.3063

Rectangle

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



27.3101, 0.3340, 0.3275



27.3101, 0.3384, 0.3456



27.3101, 0.2918, 0.3300



27.3101, 0.2876, 0.3119

Sweetspot

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



27.3113, 0.3340, 0.3275



57.8302, 0.3189, 0.3285



27.8156, 0.3131, 0.2985



12.8730, 0.3201, 0.3285



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.3113, 0.3340, 0.3275



47.2608, 0.3392, 0.3272



29.9763, 0.3333, 0.3430



6.6512, 0.3277, 0.3279



5.8374, 0.6330, 0.3260



0.1058, 0.6003, 0.3081

Inverse Universe

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



27.3113, 0.3340, 0.3275



47.2608, 0.3392, 0.3272



29.3708, 0.2935, 0.3146



6.6512, 0.3277, 0.3279



5.8374, 0.6330, 0.3260



0.1058, 0.6003, 0.3081

Previews

White Background



This preview shows how the Yxy color 27.3101, 0.3340, 0.3275 looks on a white background.

Color Contrast Check

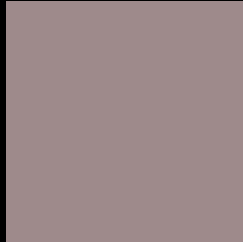
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3101, 0.3340, 0.3275 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 27.3101, 0.3340, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 27.3101, 0.3340, 0.3275.



This preview shows how white text looks on a background with the Yxy color 27.3101, 0.3340, 0.3275.

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

27.3101, 0.3340, 0.3275

Protanopia

27.3801, 0.3180, 0.3306

Deuteranopia

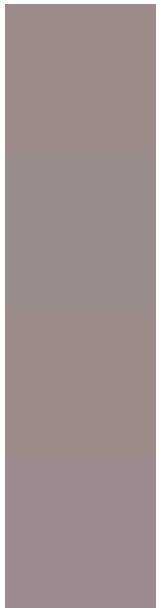
27.3101, 0.3340, 0.3275



Tritanopia

27.3688, 0.3267, 0.3136

Trichromacy



Original Color

27.3101, 0.3340, 0.3275

Protanomaly

27.4272, 0.3235, 0.3306

Deuteranomaly

27.3101, 0.3340, 0.3275

Tritanomaly

27.2759, 0.3299, 0.3182

Monochromacy



Original Color

27.3101, 0.3340, 0.3275

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.6886, 0.3202, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3101, 0.3340, 0.3275 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(158, 138, 139)` looks like.

```
.text, #text, p{  
    color:rgb(158, 138, 139)  
}
```

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(158, 138, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 138, 139) }
```

Border

The CSS property to change the border of an element to Yxy 27.3101, 0.3340, 0.3275 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(158, 138, 139) }
```

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

```
.border{ border-color:rgb(158, 138, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 138, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 138, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 138, 139);  
box-shadow:4px 4px 4px 4px rgb(158, 138,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3101, 0.3340, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 138, 139) }
```

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

```
.background{ background-color: rgb(158,  
138, 139) }
```

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