

Converting Colors

$Y_{xy}(27.5062, 0.3285, 0.3243)$

Have a look what the booklet for
Yxy(27.5062, 0.3285, 0.3243)
contains.

Yxy(27.4862, 0.3284, 0.3244)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.4862, 0.3284, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	9C8B8E
RGB	156, 139, 142
RGB Percent	61%, 55%, 56%
CMY	0.3882, 0.4549, 0.4433
CMYK	0.00, 0.11, 0.09, 0.39
HSL	350°, 8%, 58%
HSV	350°, 11%, 61%
XYZ	27.8251, 27.4862, 29.4180
YIQ	144.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

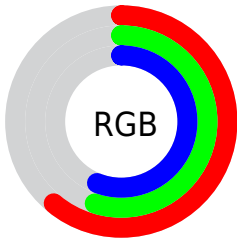
Format	Color
R_{YB}	156, 139, 142
Decimal	10259342
CIE _{Lab}	59.42, 6.91, 0.74
CIE _{LCh}	59, 6.945, 6.138
Yxy	27.4862, 0.3284, 0.3244
Android (android.graphics.Color)	4288449422 (0xFF9C8B8E)
YUV	144.4250, -1.1955, 10.1513
Hunter-Lab	52.4273, 2.9889, 3.4303

Details

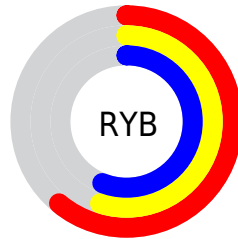
The Yxy color $27.4862, 0.3284, 0.3244$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.5714, 0.2990, 0.3337$, and the grayscale version is $28.0729, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.5337, 0.3252, 0.3243$, and $10.9207, 0.3343, 0.3223$ is the 20% darker color. If you saturate the color by 10%, you get $22.9224, 0.3463, 0.3199$, and if you desaturate by 10%, it is $32.7419, 0.3139, 0.3286$.

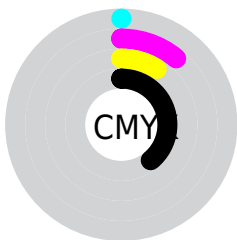
Distribution



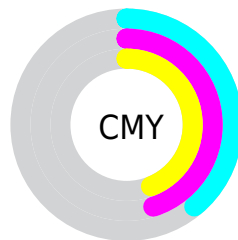
- Red (61%)
- Green (55%)
- Blue (56%)



- Red (61%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (39%)





- Cyan (39%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4862, 0.3284, 0.3244 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 27.4862, 0.3284, 0.3244 by changing the saturation by 10% instead.


 27.4862, 0.3284,
0.3244


 27.4862, 0.3284,
0.3244


290.0036, 0.3199,
0.3269


 17.9387, 0.3308,
0.3237


 55.6631, 0.3251,
0.3254

 10.9060, 0.3341,
0.3227


 75.0613, 0.3239,
0.3257

 6.0037, 0.3388,
0.3213

 98.5118, 0.3230,
0.3260

 2.8473, 0.3462,
0.3190

126.3991, 0.3221,
0.3263

 1.0525, 0.3595,
0.3148

159.1075, 0.3214,
0.3265

 0.0000, 1.0000,
0.0000


197.0215, 0.3208,

 0.0000, 0.0000,

0.3266

0.0000


240.5254, 0.3203,
0.3268

 27.4862, 0.3284,
0.3244

 27.4862, 0.3284,
0.3244

 22.9224, 0.3463,
0.3199

 32.7419, 0.3139,
0.3286


 19.0182, 0.3683,
0.3153


 38.7128, 0.3021,
0.3325


 15.7440, 0.3952,
0.3107

 45.4257, 0.2925,
0.3361

 13.0668, 0.4272,
0.3067

 52.9049, 0.2847,
0.3394

 10.9503, 0.4644,
0.3037

 61.1736, 0.2782,
0.3423

■ 9.3544, 0.5052,
0.3027

■ 70.2540, 0.2728,
0.3450

■ 8.2335, 0.5465,
0.3043

■ 80.1673, 0.2684,
0.3474

■ 7.5344, 0.5837,
0.3089

■ 85.1820, 0.2633,
0.3401

■ 7.1492, 0.6113,
0.3141

■ 85.8090, 0.2588,
0.3288

Harmonies

Analogous

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



27.4862, 0.3179, 0.3156



27.4862, 0.3284, 0.3244



27.4862, 0.3347, 0.3345

Triad

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



27.4862, 0.3284, 0.3244



27.4862, 0.3189, 0.3486



27.4862, 0.2910, 0.3142

Complementary

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



27.4862, 0.3284, 0.3244



31.5714, 0.2990, 0.3337

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.



27.4862, 0.2913, 0.3229



27.4862, 0.3284, 0.3244



27.4862, 0.3073, 0.3430

Square

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



27.4862, 0.3284, 0.3244



27.4862, 0.3291, 0.3486



27.4862, 0.2972, 0.3335



27.4862, 0.2964, 0.3097

Rectangle

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



27.4862, 0.3284, 0.3244



27.4862, 0.3355, 0.3407



27.4862, 0.2972, 0.3335



27.4862, 0.2904, 0.3167

Sweetspot

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



27.4874, 0.3284, 0.3244



57.2918, 0.3168, 0.3277



27.6289, 0.3106, 0.3027



12.4390, 0.3178, 0.3274



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.



27.4874, 0.3284, 0.3244



47.8534, 0.3323, 0.3234



28.9979, 0.3306, 0.3375



6.6641, 0.3258, 0.3251



5.8916, 0.6098, 0.3133



0.1099, 0.5244, 0.2662

Inverse Universe

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



27.4874, 0.3284, 0.3244



47.8534, 0.3323, 0.3234



29.9028, 0.2963, 0.3204



6.6641, 0.3258, 0.3251



5.8916, 0.6098, 0.3133



0.1099, 0.5244, 0.2662

Previews

White Background



This preview shows how the Yxy color 27.4862, 0.3284, 0.3244 looks on a white background.

Color Contrast Check

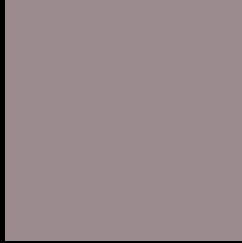
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4862, 0.3284, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

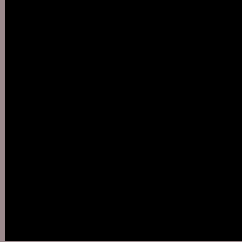
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4862, 0.3284, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 27.4862, 0.3284, 0.3244.



This preview shows how white text looks on a background with the Yxy color 27.4862, 0.3284, 0.3244.

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

27.4862, 0.3284, 0.3244

Protanopia

27.3794, 0.3139, 0.3258

Deuteranopia

27.5863, 0.3295, 0.3244



Tritanopia

27.5150, 0.3223, 0.3120

Trichromacy



Original Color

27.4862, 0.3284, 0.3244

Protanomaly

27.4225, 0.3193, 0.3258

Deuteranomaly

27.5863, 0.3295, 0.3244

Tritanomaly

27.4204, 0.3254, 0.3166

Monochromacy



Original Color

27.4862, 0.3284, 0.3244

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.6251, 0.3182, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4862, 0.3284, 0.3244 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, 139, 142)` looks like.

```
.text, #text, p{  
    color:rgb(156, 139, 142)  
}
```

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, 139, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 139, 142) }
```

Border

The CSS property to change the border of an element to Yxy 27.4862, 0.3284, 0.3244 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, 139, 142) }
```

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

```
.border{ border-color:rgb(156, 139, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 139, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 139, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 139, 142);  
box-shadow:4px 4px 4px 4px rgb(156, 139,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4862, 0.3284, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 139, 142) }
```

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

```
.background{ background-color: rgb(156,  
139, 142) }
```

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