

Converting Colors

$Y_{xy}(27.7451, 0.3258, 0.3290)$

Have a look what the booklet for
Yxy(27.7451, 0.3258, 0.3290)
contains.

Yxy(27.7451, 0.3258, 0.3290)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.7451, 0.3258, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	998D8D
RGB	153, 141, 141
RGB Percent	60%, 55%, 55%
CMY	0.3999, 0.4471, 0.4470
CMYK	0.00, 0.08, 0.08, 0.40
HSL	360°, 6%, 58%
HSV	360°, 8%, 60%
XYZ	27.4752, 27.7451, 29.1113
YIQ	144.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

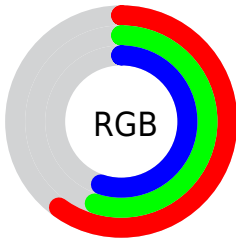
Format	Color
R_{YB}	153, 141, 141
Decimal	10063245
CIE Lab	59.66, 4.49, 1.60
CIE LCh	60, 4.767, 19.619
Yxy	27.7451, 0.3258, 0.3290
Android (android.graphics.Color)	4288253325 (0xFF998D8D)
YUV	144.5880, -1.7689, 7.3773
Hunter-Lab	52.6736, 0.9291, 4.1036

Details

The Yxy color $27.7451, 0.3258, 0.3290$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.7568, 0.3009, 0.3290$, and the grayscale version is $28.1472, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.2357, 0.3224, 0.3290$, and $11.0623, 0.3304, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $23.1172, 0.3460, 0.3290$, and if you desaturate by 10%, it is $33.0617, 0.3095, 0.3290$.

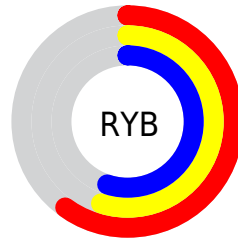
Distribution



Red (60%)

Green (55%)

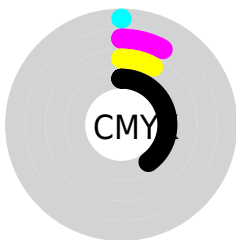
Blue (55%)



Red (60%)

Yellow (55%)

Blue (55%)

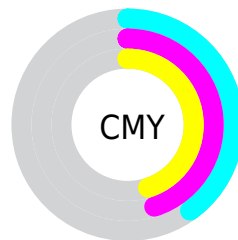


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (40%)



Cyan (40%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7451, 0.3258, 0.3290 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 27.7451, 0.3258, 0.3290 by changing the saturation by 10% instead.


 27.7451, 0.3258,
0.3290


 27.7451, 0.3258,
0.3290


291.2469, 0.3187,
0.3290


 18.1336, 0.3278,
0.3290


 56.0772, 0.3231,
0.3290

 11.0459, 0.3305,
0.3289


 75.5666, 0.3221,
0.3290

 6.0977, 0.3345,
0.3289


 99.1175, 0.3213,
0.3290

 2.9046, 0.3406,
0.3287

127.1141, 0.3206,
0.3290

 1.0821, 0.3516,
0.3283

159.9410, 0.3200,
0.3290

 0.0000, 1.0000,
0.0000


197.9825, 0.3195,


 0.0000, 0.0000,


0.3290


0.0000


241.6230, 0.3191,
0.3290


 27.7451, 0.3258,
0.3290


 27.7451, 0.3258,
0.3290


 23.1172, 0.3460,
0.3290


 33.0617, 0.3095,
0.3290

 19.1465, 0.3712,
0.3290


 39.0899, 0.2965,
0.3290

 15.8043, 0.4022,
0.3291

 45.8557, 0.2859,
0.3290

 13.0583, 0.4396,
0.3291

 53.3829, 0.2773,
0.3290

 10.8736, 0.4829,
0.3292

 61.6943, 0.2702,
0.3290

■ 9.2115, 0.5296,
0.3294

■ 70.8116, 0.2643,
0.3290

■ 8.0282, 0.5747,
0.3295

■ 80.7557, 0.2595,
0.3290

■ 7.2733, 0.6113,
0.3297

■ 85.5159, 0.2575,
0.3288

■ 6.8544, 0.6351,
0.3298

Harmonies

Analogous

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



27.7451, 0.3198, 0.3223



27.7451, 0.3258, 0.3290



27.7451, 0.3283, 0.3358

Triad

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



27.7451, 0.3258, 0.3290



27.7451, 0.3134, 0.3410



27.7451, 0.2990, 0.3171

Complementary

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



27.7451, 0.3258, 0.3290



30.7568, 0.3009, 0.3290

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.



27.7451, 0.2974, 0.3220



27.7451, 0.3258, 0.3290



27.7451, 0.3056, 0.3358

Square

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



27.7451, 0.3258, 0.3290



27.7451, 0.3211, 0.3428



27.7451, 0.2998, 0.3288



27.7451, 0.3043, 0.3155

Rectangle

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



27.7451, 0.3258, 0.3290



27.7451, 0.3276, 0.3395



27.7451, 0.2998, 0.3288



27.7451, 0.2980, 0.3184

Sweetspot

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



27.7463, 0.3258, 0.3290



55.0606, 0.3159, 0.3290



28.1044, 0.3134, 0.3103



12.1847, 0.3157, 0.3290



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.



27.7463, 0.3258, 0.3290



48.5133, 0.3282, 0.3290



29.5080, 0.3250, 0.3382



6.2229, 0.3283, 0.3290



5.5978, 0.6398, 0.3298



0.0837, 0.6384, 0.3290

Inverse Universe

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



27.7463, 0.3258, 0.3290



48.5133, 0.3282, 0.3290



28.8972, 0.3009, 0.3197



6.2229, 0.3283, 0.3290



5.5978, 0.6398, 0.3298



0.0837, 0.6384, 0.3290

Previews

White Background



This preview shows how the Yxy color 27.7451, 0.3258, 0.3290 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 27.7451, 0.3258, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

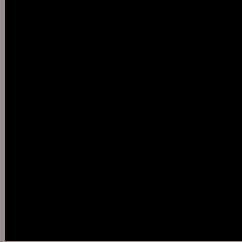
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7451, 0.3258, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 27.7451, 0.3258, 0.3290.

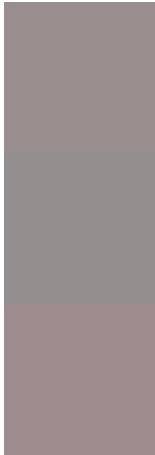


This preview shows how white text looks on a background with the Yxy color 27.7451, 0.3258, 0.3290.

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

27.7451, 0.3258, 0.3290

Protanopia

27.8010, 0.3180, 0.3306

Deuteranopia

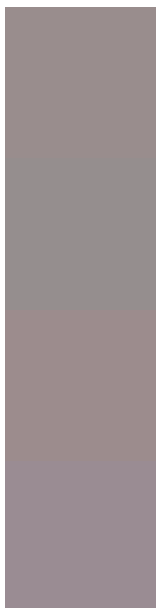
27.6574, 0.3316, 0.3259



Tritanopia

27.8282, 0.3178, 0.3135

Trichromacy



Original Color

27.7451, 0.3258, 0.3290

Protanomaly

27.6886, 0.3202, 0.3290

Deuteranomaly

27.7472, 0.3292, 0.3275

Tritanomaly

27.7328, 0.3208, 0.3181

Monochromacy



Original Color

27.7451, 0.3258, 0.3290

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2560, 0.3170, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7451, 0.3258, 0.3290 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(153, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(153, 141, 141)  
}
```

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(153, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 141, 141) }
```

Border

The CSS property to change the border of an element to Yxy 27.7451, 0.3258, 0.3290 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(153, 141, 141) }
```

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

```
.border{ border-color:rgb(153, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(153, 141,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7451, 0.3258, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 141, 141) }
```

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

```
.background{ background-color: rgb(153,  
141, 141) }
```

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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