

Converting Colors

$Y_{xy}(27.5578, 0.3498, 0.3688)$

Have a look what the booklet for
Yxy(27.5578, 0.3498, 0.3688)
contains.

Yxy(27.4263, 0.3498, 0.3678)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.4263, 0.3498, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	998E76
RGB	153, 142, 118
RGB Percent	60%, 56%, 46%
CMY	0.3999, 0.4432, 0.5373
CMYK	0.00, 0.07, 0.23, 0.40
HSL	41°, 15%, 53%
HSV	41°, 23%, 60%
XYZ	26.0841, 27.4263, 21.0581
YIQ	142.5530, 14.2600, -5.1320

Conversions

Conversions Part 2

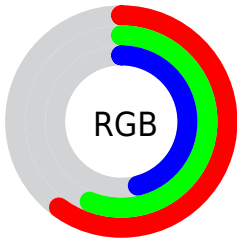
Format	Color
RYB	134, 153, 118
Decimal	10063478
CIELab	59.37, 0.07, 14.28
CIELCh	59, 14.283, 89.730
Yxy	27.4263, 0.3498, 0.3678
Android (android.graphics.Color)	4288253558 (0xFF998E76)
YUV	142.5530, -12.1046, 9.1620
Hunter-Lab	52.3701, -2.7420, 12.8184

Details

The Yxy color **27.4263, 0.3498, 0.3678** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.8626, 0.2766, 0.2869**, and the grayscale version is **27.3276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7920, 0.3424, 0.3604**, and **10.9213, 0.3630, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **25.6890, 0.3683, 0.3854**, and if you desaturate by 10%, it is **29.2872, 0.3327, 0.3504**.

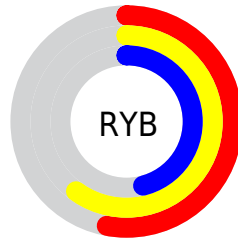
Distribution



Red (60%)

Green (56%)

Blue (46%)



Red (53%)

Yellow (60%)

Blue (46%)

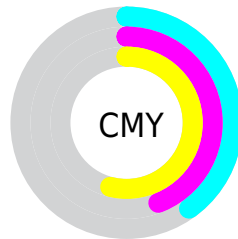


Cyan (0%)

Magenta (7%)

Yellow (23%)

Black (40%)



Cyan (40%)


Magenta (44%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4263, 0.3498, 0.3678 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 27.4263, 0.3498, 0.3678 by changing the saturation by 10% instead.


 27.4263, 0.3498,
0.3678

 27.4263, 0.3498,
0.3678


289.7153, 0.3297,
0.3467


 17.8936, 0.3554,
0.3737


 55.5672, 0.3421,
0.3597

 10.8737, 0.3630,
0.3816


 74.9442, 0.3393,
0.3568

 5.9819, 0.3737,
0.3928

 98.3715, 0.3370,
0.3544

 2.8341, 0.3899,
0.4097

126.2334, 0.3351,
0.3524

 1.0457, 0.4585,
0.4815

158.9143, 0.3334,
0.3507

 0.0000, 0.0000,
0.0000

196.7987, 0.3320,

0.3492

240.2709, 0.3308,
0.3479

■ 27.4263, 0.3498,
0.3678

■ 27.4263, 0.3498,
0.3678

■ 25.6890, 0.3683,
0.3854

■ 29.2872, 0.3327,
0.3504

■ 24.0679, 0.3878,
0.4027

■ 31.2714, 0.3170,
0.3337

■ 22.5604, 0.4078,
0.4187

■ 33.3833, 0.3028,
0.3178

■ 21.1624, 0.4278,
0.4327

■ 35.6260, 0.2900,
0.3030

■ 19.8692, 0.4467,
0.4434

■ 38.0025, 0.2786,
0.2893

■ 18.6757, 0.4637,
0.4500

■ 40.5157, 0.2684,
0.2767

■ 17.5760, 0.4780,
0.4519

■ 43.1682, 0.2593,
0.2651

■ 16.8413, 0.4872,
0.4514

■ 45.9627, 0.2512,
0.2545

■ 48.8548, 0.2444,
0.2456

Harmonies

Analogous

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



27.4263, 0.3597, 0.3543



27.4263, 0.3498, 0.3678



27.4263, 0.3300, 0.3710

Triad

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



27.4263, 0.3498, 0.3678



27.4263, 0.2708, 0.3203



27.4263, 0.3180, 0.2991

Complementary

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



27.4263, 0.3498, 0.3678



21.8626, 0.2766, 0.2869

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.



27.4263, 0.2943, 0.2902



27.4263, 0.3498, 0.3678



27.4263, 0.2678, 0.3014

Square

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



27.4263, 0.3498, 0.3678



27.4263, 0.2847, 0.3427



27.4263, 0.2762, 0.2908



27.4263, 0.3409, 0.3153

Rectangle

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



27.4263, 0.3498, 0.3678



27.4263, 0.3142, 0.3662



27.4263, 0.2762, 0.2908



27.4263, 0.3098, 0.2952

Sweetspot

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



27.4275, 0.3498, 0.3678



54.4428, 0.3234, 0.3407



21.3196, 0.3440, 0.3109



11.9809, 0.3243, 0.3416



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.



27.4275, 0.3498, 0.3678



47.6268, 0.3582, 0.3760



30.2674, 0.3393, 0.3857



6.8944, 0.3267, 0.3442



13.9746, 0.4865, 0.4519



0.2733, 0.4514, 0.4798

Inverse Universe

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



21.8626, 0.2766, 0.2869



36.0382, 0.2687, 0.2771



19.5744, 0.2822, 0.2681



6.3282, 0.2988, 0.3133



3.7161, 0.1631, 0.1071



0.1156, 0.1852, 0.1868

Previews

White Background



This preview shows how the Yxy color 27.4263, 0.3498, 0.3678 looks on a white background.

Color Contrast Check

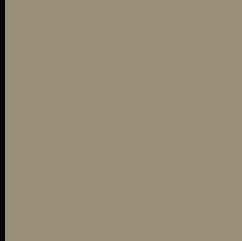
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4263, 0.3498, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

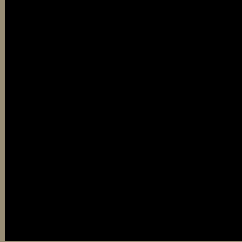
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4263, 0.3498, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 27.4263, 0.3498, 0.3678.



This preview shows how white text looks on a background with the Yxy color 27.4263, 0.3498, 0.3678.

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

27.4263, 0.3498, 0.3678

Protanopia

27.5322, 0.3471, 0.3697

Deuteranopia

27.2226, 0.3645, 0.3570



Tritanopia

27.5150, 0.3223, 0.3120

Trichromacy



Original Color

27.4263, 0.3498, 0.3678

Protanomaly

27.6283, 0.3483, 0.3695

Deuteranomaly

27.3742, 0.3590, 0.3605

Tritanomaly

27.3681, 0.3326, 0.3306

Monochromacy



Original Color

27.4263, 0.3498, 0.3678

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.5692, 0.3261, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4263, 0.3498, 0.3678 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, 142, 118)` looks like.

```
.text, #text, p{  
    color:rgb(153, 142, 118)  
}
```

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, 142, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 142, 118) }
```

Border

The CSS property to change the border of an element to Yxy 27.4263, 0.3498, 0.3678 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, 142, 118) }
```

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

```
.border{ border-color:rgb(153, 142, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 142, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 142, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 142, 118);  
box-shadow:4px 4px 4px 4px rgb(153, 142,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4263, 0.3498, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 142, 118) }
```

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

```
.background{ background-color: rgb(153,  
142, 118) }
```

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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