

Converting Colors

$Y_{xy}(26.7297, 0.3588, 0.3607)$

Have a look what the booklet for
Yxy(26.7297, 0.3588, 0.3607)
contains.

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Color

Yxy(26.8559, 0.3581, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	9F8A76
RGB	159, 138, 118
RGB Percent	62%, 54%, 46%
CMY	0.3765, 0.4588, 0.5372
CMYK	0.00, 0.13, 0.26, 0.38
HSL	29°, 18%, 54%
HSV	29°, 26%, 62%
XYZ	26.6549, 26.8559, 20.9235
YIQ	141.9990, 18.9360, -1.7680

Conversions

Conversions Part 2

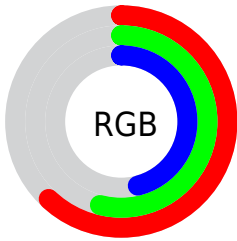
Format	Color
R_{YB}	159, 157, 118
Decimal	10455670
CIE Lab	58.84, 4.69, 13.62
CIE LCh	59, 14.407, 71.009
Yxy	26.8559, 0.3581, 0.3608
Android (android.graphics.Color)	4288645750 (0xFF9F8A76)
YUV	141.9990, -11.8315, 14.9099
Hunter-Lab	51.8227, 1.1216, 12.3374

Details

The Yxy color **26.8559, 0.3581, 0.3608** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8186, 0.2729, 0.2949**, and the grayscale version is **27.0923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4600, 0.3486, 0.3541**, and **10.5474, 0.3743, 0.3704** is the 20% darker color. If you saturate the color by 10%, you get **24.2612, 0.3800, 0.3738**, and if you desaturate by 10%, it is **29.6918, 0.3387, 0.3480**.

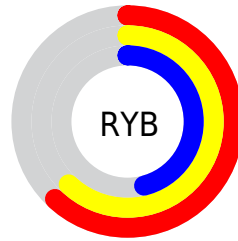
Distribution



Red (62%)

Green (54%)

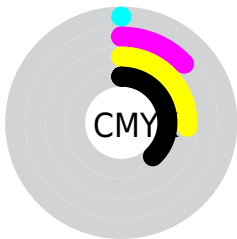
Blue (46%)



Red (62%)

Yellow (62%)

Blue (46%)

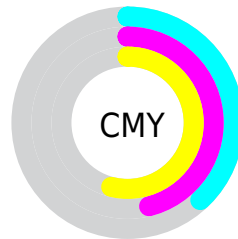


Cyan (0%)

Magenta (13%)

Yellow (26%)

Black (38%)



Cyan (38%)


Magenta (46%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8559, 0.3581, 0.3608 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 26.8559, 0.3581, 0.3608 by changing the saturation by 10% instead.

 26.8559, 0.3581,
0.3608


 26.8559, 0.3581,
0.3608


286.9587, 0.3332,
0.3438


 17.4650, 0.3651,
0.3654


 54.6525, 0.3485,
0.3543

 10.5666, 0.3747,
0.3716


 73.8271, 0.3451,
0.3520

 5.7762, 0.3883,
0.3802


 97.0317, 0.3422,
0.3500

 2.7095, 0.4094,
0.3928

124.6507, 0.3399,
0.3484

 0.9820, 0.4922,
0.4553

157.0685, 0.3378,
0.3470

 0.0000, 0.0000,
0.0000

194.6695, 0.3361,

0.3458

237.8381, 0.3346,
0.3447

■ 26.8559, 0.3581,
0.3608

■ 26.8559, 0.3581,
0.3608

■ 24.2612, 0.3800,
0.3738

■ 29.6918, 0.3387,
0.3480

■ 21.8972, 0.4042,
0.3864

■ 32.7720, 0.3216,
0.3358

■ 19.7575, 0.4304,
0.3977

■ 36.1040, 0.3066,
0.3242

■ 17.8343, 0.4579,
0.4069

■ 39.6939, 0.2936,
0.3135

■ 16.1190, 0.4852,
0.4126

■ 43.5477, 0.2823,
0.3036

■ 14.6023, 0.5109,
0.4137

■ 47.6709, 0.2724,
0.2945

■ 13.2730, 0.5333,
0.4097

■ 52.0691, 0.2638,
0.2862

■ 12.7589, 0.5425,
0.4074

■ 56.7476, 0.2562,
0.2786

■ 61.3121, 0.2526,
0.2780

Harmonies

Analogous

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



26.8559, 0.3600, 0.3429



26.8559, 0.3581, 0.3608



26.8559, 0.3437, 0.3711

Triad

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



26.8559, 0.3581, 0.3608



26.8559, 0.2778, 0.3344



26.8559, 0.3027, 0.2920

Complementary

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



26.8559, 0.3581, 0.3608



24.8186, 0.2729, 0.2949

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.



26.8559, 0.2816, 0.2888



26.8559, 0.3581, 0.3608



26.8559, 0.2677, 0.3121

Square

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



26.8559, 0.3581, 0.3608



26.8559, 0.2972, 0.3559



26.8559, 0.2690, 0.2958



26.8559, 0.3273, 0.3041

Rectangle

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



26.8559, 0.3581, 0.3608



26.8559, 0.3293, 0.3715



26.8559, 0.2690, 0.2958



26.8559, 0.2950, 0.2899

Sweetspot

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



26.8571, 0.3581, 0.3608



57.3486, 0.3254, 0.3386



22.1997, 0.3389, 0.2956



12.7470, 0.3279, 0.3404



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.



26.8571, 0.3581, 0.3608



45.3509, 0.3705, 0.3684



33.2342, 0.3508, 0.3907



7.1537, 0.3273, 0.3399



10.1628, 0.5412, 0.4085



0.2662, 0.4832, 0.4545

Inverse Universe

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



24.8186, 0.2729, 0.2949



41.0582, 0.2636, 0.2860



19.4778, 0.2696, 0.2588



6.9686, 0.2988, 0.3178



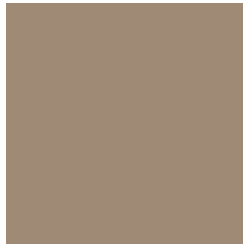
6.7574, 0.1792, 0.1652



0.2054, 0.1987, 0.2354

Previews

White Background



This preview shows how the Yxy color 26.8559, 0.3581, 0.3608 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 26.8559, 0.3581, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

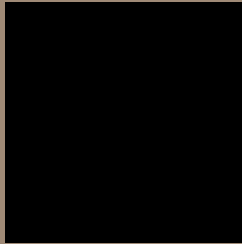
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8559, 0.3581, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 26.8559, 0.3581, 0.3608.



This preview shows how white text looks on a background with the Yxy color 26.8559, 0.3581, 0.3608.

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

26.8559, 0.3581, 0.3608

Protanopia

26.7954, 0.3434, 0.3635

Deuteranopia

26.8088, 0.3648, 0.3571



Tritanopia

26.7759, 0.3327, 0.3122

Trichromacy



Original Color

26.8559, 0.3581, 0.3608

Protanomaly

26.8604, 0.3493, 0.3631

Deuteranomaly

26.8807, 0.3621, 0.3589

Tritanomaly

26.6543, 0.3424, 0.3291

Monochromacy



Original Color

26.8559, 0.3581, 0.3608

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.0391, 0.3285, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8559, 0.3581, 0.3608 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(159, 138, 118)` looks like.

```
.text, #text, p{  
    color:rgb(159, 138, 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(159, 138, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 138, 118) }
```

Border

The CSS property to change the border of an element to Yxy 26.8559, 0.3581, 0.3608 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(159, 138, 118) }
```

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

```
.border{ border-color:rgb(159, 138, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 138, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 138, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 138, 118);  
box-shadow:4px 4px 4px 4px rgb(159, 138,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8559, 0.3581, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 138, 118) }
```

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

```
.background{ background-color: rgb(159,  
138, 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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