

Converting Colors

$Y_{xy}(26.5758, 0.3404, 0.3569)$

Have a look what the booklet for
Yxy(26.5758, 0.3404, 0.3569)
contains.

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Color

Yxy(26.5758, 0.3404, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	958C7B
RGB	149, 140, 123
RGB Percent	58%, 55%, 48%
CMY	0.4157, 0.4510, 0.5176
CMYK	0.00, 0.06, 0.17, 0.42
HSL	39°, 11%, 53%
HSV	39°, 17%, 58%
XYZ	25.3472, 26.5758, 22.5399
YIQ	140.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

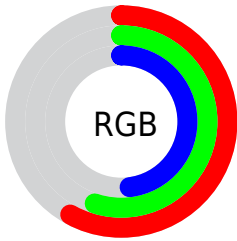
Format	Color
R_{YB}	137, 149, 123
Decimal	9800827
CIE Lab	58.58, 0.37, 10.27
CIE LCh	59, 10.281, 87.929
Yxy	26.5758, 0.3404, 0.3569
Android (android.graphics.Color)	4287990907 (0xFF958C7B)
YUV	140.7530, -8.7522, 7.2326
Hunter-Lab	51.5517, -2.4499, 10.1629

Details

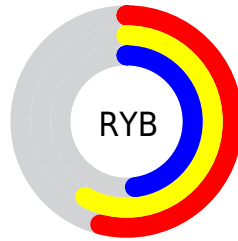
The Yxy color **26.5758, 0.3404, 0.3569** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.8864, 0.2859, 0.2994**, and the grayscale version is **26.5666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9316, 0.3348, 0.3511**, and **10.4034, 0.3509, 0.3677** is the 20% darker color. If you saturate the color by 10%, you get **24.7604, 0.3584, 0.3737**, and if you desaturate by 10%, it is **28.5210, 0.3239, 0.3406**.

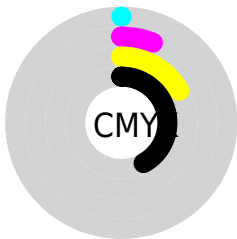
Distribution



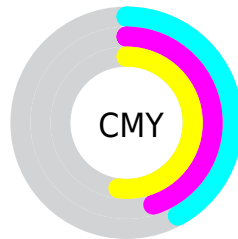
- Red (58%)
- Green (55%)
- Blue (48%)



- Red (54%)
- Yellow (58%)
- Blue (48%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5758, 0.3404, 0.3569 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 26.5758, 0.3404, 0.3569 by changing the saturation by 10% instead.

■ 26.5758, 0.3404,
0.3569

■ 26.5758, 0.3404,
0.3569

285.5973, 0.3253,
0.3417

■ 17.2549, 0.3447,
0.3612

■ 54.2024, 0.3346,
0.3510

■ 10.4164, 0.3505,
0.3670

■ 73.2769, 0.3325,
0.3489

■ 5.6759, 0.3589,
0.3754

■ 96.3714, 0.3307,
0.3472

■ 2.6490, 0.3719,
0.3884

123.8702, 0.3293,
0.3457

■ 0.9514, 0.4190,
0.4362

156.1579, 0.3281,
0.3445

■ 0.0000, 0.0000,
0.0000

193.6186, 0.3270,

0.3434

236.6370, 0.3261,
0.3425

■ 26.5758, 0.3404,
0.3569

■ 26.5758, 0.3404,
0.3569

■ 24.7604, 0.3584,
0.3737

■ 28.5210, 0.3239,
0.3406

■ 23.0676, 0.3778,
0.3905

■ 30.5957, 0.3090,
0.3251

■ 21.4950, 0.3983,
0.4067

■ 32.8042, 0.2957,
0.3105

■ 20.0385, 0.4193,
0.4213

■ 35.1497, 0.2838,
0.2970

■ 18.6938, 0.4400,
0.4334

■ 37.6350, 0.2731,
0.2846

■ 17.4562, 0.4595,
0.4418

■ 40.2630, 0.2637,
0.2731

■ 16.3202, 0.4767,
0.4458

■ 43.0364, 0.2553,
0.2626

■ 15.2773, 0.4913,
0.4454

■ 45.9577, 0.2479,
0.2530

■ 15.0204, 0.4951,
0.4451

■ 48.8928, 0.2423,
0.2463

Harmonies

Analogous

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



26.5758, 0.3469, 0.3470



26.5758, 0.3404, 0.3569



26.5758, 0.3265, 0.3594

Triad

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



26.5758, 0.3404, 0.3569



26.5758, 0.2824, 0.3238



26.5758, 0.3156, 0.3064

Complementary

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



26.5758, 0.3404, 0.3569



22.8864, 0.2859, 0.2994

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.



26.5758, 0.2984, 0.3003



26.5758, 0.3404, 0.3569



26.5758, 0.2797, 0.3098

Square

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



26.5758, 0.3404, 0.3569



26.5758, 0.2931, 0.3399



26.5758, 0.2854, 0.3013



26.5758, 0.3324, 0.3182

Rectangle

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



26.5758, 0.3404, 0.3569



26.5758, 0.3150, 0.3562



26.5758, 0.2854, 0.3013



26.5758, 0.3097, 0.3037

Sweetspot

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



26.5770, 0.3404, 0.3569



51.9294, 0.3203, 0.3369



22.2292, 0.3341, 0.3140



11.4571, 0.3213, 0.3379



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.5770, 0.3404, 0.3569



46.2759, 0.3474, 0.3636



28.9502, 0.3338, 0.3715



6.4102, 0.3267, 0.3434



12.7005, 0.4945, 0.4456



0.2106, 0.4539, 0.4778

Inverse Universe

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



22.8864, 0.2859, 0.2994



38.3723, 0.2793, 0.2918



20.8470, 0.2894, 0.2839



5.9416, 0.2989, 0.3141



3.9107, 0.1654, 0.1153



0.0990, 0.1883, 0.1978

Previews

White Background



This preview shows how the Yxy color 26.5758, 0.3404, 0.3569 looks on a white background.

Color Contrast Check

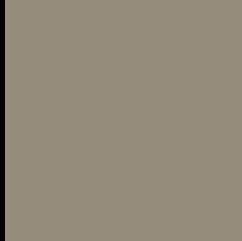
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5758, 0.3404, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

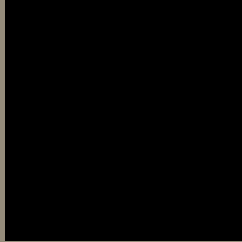
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5758, 0.3404, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 26.5758, 0.3404, 0.3569.



This preview shows how white text looks on a background with the Yxy color 26.5758, 0.3404, 0.3569.

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

26.5758, 0.3404, 0.3569

Protanopia

26.3893, 0.3381, 0.3571

Deuteranopia

26.6406, 0.3545, 0.3480



Tritanopia

26.6733, 0.3190, 0.3132

Trichromacy



Original Color

26.5758, 0.3404, 0.3569

Protanomaly

26.4821, 0.3393, 0.3570

Deuteranomaly

26.5147, 0.3495, 0.3498

Tritanomaly

26.5912, 0.3272, 0.3290

Monochromacy



Original Color

26.5758, 0.3404, 0.3569

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.7003, 0.3231, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5758, 0.3404, 0.3569 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(149, 140, 123)` looks like.

```
.text, #text, p{  
    color:rgb(149, 140, 123)  
}
```

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(149, 140, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 140, 123) }
```

Border

The CSS property to change the border of an element to Yxy 26.5758, 0.3404, 0.3569 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(149, 140, 123) }
```

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

```
.border{ border-color:rgb(149, 140, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 140, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 140, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 140, 123);  
box-shadow:4px 4px 4px 4px rgb(149, 140,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5758, 0.3404, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 140, 123) }
```

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

```
.background{ background-color: rgb(149,  
140, 123) }
```

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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