

Converting Colors

$Yxy(26.9408, 0.3665, 0.4094)$

Have a look what the booklet for
Yxy(26.9408, 0.3665, 0.4094)
contains.

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Color

Yxy(26.9758, 0.3658, 0.4099)

Conversions

Conversions Part 1

Format	Color
Hex	93905F
RGB	147, 144, 95
RGB Percent	58%, 56%, 37%
CMY	0.4235, 0.4353, 0.6275
CMYK	0.00, 0.02, 0.35, 0.42
HSL	57°, 21%, 47%
HSV	57°, 35%, 58%
XYZ	24.0735, 26.9758, 14.7613
YIQ	139.3110, 17.5170, -14.6030

Conversions

Conversions Part 2

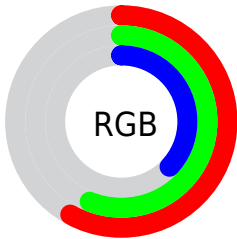
Format	Color
RYB	98, 147, 95
Decimal	9670751
CIELab	58.95, -6.72, 26.48
CIELCh	59, 27.323, 104.231
Yxy	26.9758, 0.3658, 0.4099
Android (android.graphics.Color)	4287860831 (0xFF93905F)
YUV	139.3110, -21.8453, 6.7433
Hunter-Lab	51.9382, -8.1565, 19.5060

Details

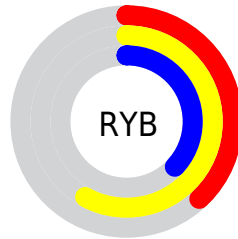
The Yxy color **26.9758, 0.3658, 0.4099** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.2765, 0.2516, 0.2327**, and the grayscale version is **26.0269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0200, 0.3554, 0.3931**, and **10.6517, 0.3813, 0.4389** is the 20% darker color. If you saturate the color by 10%, you get **26.4769, 0.3805, 0.4316**, and if you desaturate by 10%, it is **27.5296, 0.3506, 0.3870**.

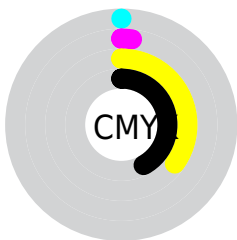
Distribution



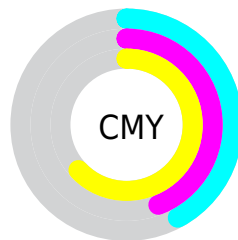
- Red (58%)
- Green (56%)
- Blue (37%)



- Red (38%)
- Yellow (58%)
- Blue (37%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (42%)



- Cyan (42%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9758, 0.3658, 0.4099 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 26.9758, 0.3658, 0.4099 by changing the saturation by 10% instead.


 26.9758, 0.3658,
0.4099


 26.9758, 0.3658,
0.4099


287.5399, 0.3377,
0.3655


 17.5550, 0.3731,
0.4222


 54.8450, 0.3553,
0.3928


 10.6310, 0.3826,
0.4388


 74.0623, 0.3514,
0.3867

 5.8193, 0.3948,
0.4618

 97.3139, 0.3482,
0.3816

 2.7355, 0.4171,
0.5032

 124.9841, 0.3454,
0.3774

 0.9953, 0.4387,
0.5613

157.4575, 0.3431,
0.3737

 0.0000, 0.0000,
0.0000

195.1183, 0.3410,

0.3706

238.3510, 0.3392,
0.3679

■ 26.9758, 0.3658,
0.4099

■ 26.9758, 0.3658,
0.4099

■ 26.4769, 0.3805,
0.4316

■ 27.5296, 0.3506,
0.3870

■ 26.0263, 0.3941,
0.4513

■ 28.1372, 0.3353,
0.3638

■ 25.6221, 0.4060,
0.4681

■ 28.8023, 0.3205,
0.3410

■ 25.2609, 0.4157,
0.4812

■ 29.5272, 0.3063,
0.3190

■ 24.9385, 0.4230,
0.4903

■ 30.3141, 0.2929,
0.2982

■ 24.6496, 0.4277,
0.4953

■ 31.1649, 0.2806,
0.2787

■ 24.5211, 0.4296,
0.4971

■ 32.0817, 0.2692,
0.2608

■ 33.0664, 0.2589,
0.2443

■ 34.1207, 0.2495,
0.2294

Harmonies

Analogous

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



26.9758, 0.3963, 0.3894



26.9758, 0.3658, 0.4099



26.9758, 0.3223, 0.4070

Triad

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



26.9758, 0.3658, 0.4099



26.9758, 0.2295, 0.2913



26.9758, 0.3445, 0.2866

Complementary

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



26.9758, 0.3658, 0.4099



13.2765, 0.2516, 0.2327

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.



26.9758, 0.2977, 0.2638



26.9758, 0.3658, 0.4099



26.9758, 0.2342, 0.2642

Square

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



26.9758, 0.3658, 0.4099



26.9758, 0.2449, 0.3330



26.9758, 0.2582, 0.2554



26.9758, 0.3844, 0.3193

Rectangle

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



26.9758, 0.3658, 0.4099



26.9758, 0.2922, 0.3899



26.9758, 0.2582, 0.2554



26.9758, 0.3289, 0.2776

Sweetspot

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



26.9770, 0.3658, 0.4099



50.8585, 0.3291, 0.3543



15.2776, 0.3882, 0.3231



11.5773, 0.3309, 0.3570



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.



26.9770, 0.3658, 0.4099



47.6204, 0.3768, 0.4263



26.0199, 0.3387, 0.4221



6.6876, 0.3261, 0.3496



21.2649, 0.4296, 0.4971



0.2744, 0.4240, 0.5015

Inverse Universe

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



13.2765, 0.2516, 0.2327



19.5433, 0.2365, 0.2084



14.1086, 0.2779, 0.2339



5.6838, 0.2989, 0.3075



1.9998, 0.1514, 0.0651



0.0352, 0.1582, 0.0894

Previews

White Background



This preview shows how the Yxy color 26.9758, 0.3658, 0.4099 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 26.9758, 0.3658, 0.4099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

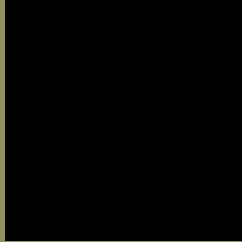
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9758, 0.3658, 0.4099

Background



This preview shows how black text looks on a background with the Yxy color 26.9758, 0.3658, 0.4099.



This preview shows how white text looks on a background with the Yxy color 26.9758, 0.3658, 0.4099.

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

26.9758, 0.3658, 0.4099

Protanopia

27.0242, 0.3761, 0.4062

Deuteranopia

27.0174, 0.3955, 0.3880



Tritanopia

26.8017, 0.3190, 0.3117

Trichromacy



Original Color

26.9758, 0.3658, 0.4099

Protanomaly

27.0324, 0.3720, 0.4087

Deuteranomaly

26.9911, 0.3852, 0.3962

Tritanomaly

26.9205, 0.3363, 0.3469

Monochromacy



Original Color

26.9758, 0.3658, 0.4099

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.2306, 0.3322, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9758, 0.3658, 0.4099 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(147, 144, 95)` looks like.

```
.text, #text, p{  
    color:rgb(147, 144, 95)  
}
```

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(147, 144, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 144, 95) }
```

Border

The CSS property to change the border of an element to Yxy 26.9758, 0.3658, 0.4099 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(147, 144, 95) }
```

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

```
.border{ border-color:rgb(147, 144, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 144, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 144, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 144, 95);  
box-shadow:4px 4px 4px 4px rgb(147, 144,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9758, 0.3658, 0.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 144, 95) }
```

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

```
.background{ background-color: rgb(147,  
144, 95) }
```

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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