

Converting Colors

$Y_{xy}(26.6580, 0.3807, 0.4109)$

Have a look what the booklet for
Yxy(26.6580, 0.3807, 0.4109)
contains.

Yxy(26.6580, 0.3807, 0.4109)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.6580, 0.3807, 0.4109)

Conversions

Conversions Part 1

Format	Color
Hex	9A8D5A
RGB	154, 141, 90
RGB Percent	60%, 55%, 35%
CMY	0.3960, 0.4471, 0.6470
CMYK	0.00, 0.08, 0.42, 0.40
HSL	48°, 26%, 48%
HSV	48°, 42%, 60%
XYZ	24.6987, 26.6580, 13.5204
YIQ	139.0730, 24.1190, -13.1050

Conversions

Conversions Part 2

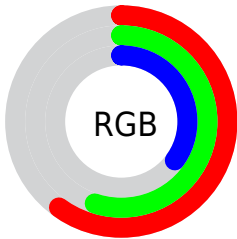
Format	Color
R_{YB}	106, 154, 90
Decimal	10128730
CIE _{Lab}	58.66, -2.73, 28.94
CIE _{LCh}	59, 29.067, 95.385
Yxy	26.6580, 0.3807, 0.4109
Android (android.graphics.Color)	4288318810 (0xFF9A8D5A)
YUV	139.0730, -24.1930, 13.0910
Hunter-Lab	51.6314, -4.9666, 20.6161

Details

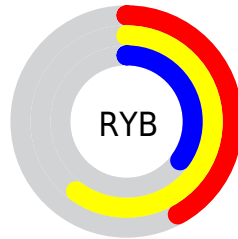
The Yxy color $26.6580, 0.3807, 0.4109$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $14.2140, 0.2418, 0.2305$, and the grayscale version is $25.9379, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0620, 0.3667, 0.3934$, and $10.4233, 0.4017, 0.4387$ is the 20% darker color. If you saturate the color by 10%, you get $25.5131, 0.3980, 0.4293$, and if you desaturate by 10%, it is $27.8858, 0.3633, 0.3912$.

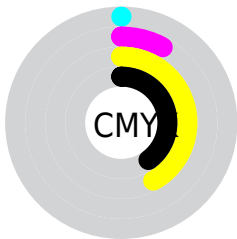
Distribution



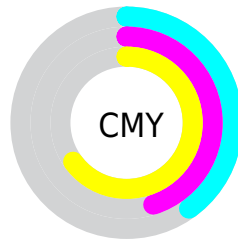
- Red (60%)
- Green (55%)
- Blue (35%)



- Red (42%)
- Yellow (60%)
- Blue (35%)



- Cyan (0%)
- Magenta (8%)
- Yellow (42%)
- Black (40%)




- Cyan (40%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6580, 0.3807, 0.4109 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 26.6580, 0.3807, 0.4109 by changing the saturation by 10% instead.


 26.6580, 0.3807,
0.4109


 26.6580, 0.3807,
0.4109


285.9974, 0.3444,
0.3665


 17.3165, 0.3902,
0.4229


 54.3346, 0.3671,
0.3940


 10.4604, 0.4025,
0.4386


 73.4385, 0.3621,
0.3879

 5.7053, 0.4186,
0.4597

 96.5653, 0.3579,
0.3828

 2.6667, 0.4533,
0.5040

 124.0995, 0.3544,
0.3786

 0.9603, 0.4678,
0.5322

156.4254, 0.3513,
0.3749

 0.0000, 0.0000,
0.0000

193.9274, 0.3487,

0.3717

236.9899, 0.3464,
0.3690

■ 26.6580, 0.3807,
0.4109

■ 26.6580, 0.3807,
0.4109

■ 25.5131, 0.3980,
0.4293

■ 27.8858, 0.3633,
0.3912

■ 24.4439, 0.4145,
0.4454

■ 29.1961, 0.3463,
0.3711

■ 23.4476, 0.4296,
0.4583

■ 30.5932, 0.3301,
0.3512

■ 22.5196, 0.4425,
0.4673

■ 32.0800, 0.3150,
0.3319

■ 21.6548, 0.4527,
0.4718

■ 33.6593, 0.3010,
0.3136

■ 20.9624, 0.4598,
0.4731

■ 35.3335, 0.2882,
0.2965

■ 37.1051, 0.2766,
0.2806

■ 38.9765, 0.2662,
0.2659

■ 40.9500, 0.2568,
0.2525

Harmonies

Analogous

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



26.6580, 0.4071, 0.3834



26.6580, 0.3807, 0.4109



26.6580, 0.3370, 0.4166

Triad

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



26.6580, 0.3807, 0.4109



26.6580, 0.2269, 0.3003



26.6580, 0.3318, 0.2755

Complementary

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



26.6580, 0.3807, 0.4109



14.2140, 0.2418, 0.2305

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.



26.6580, 0.2829, 0.2554



26.6580, 0.3807, 0.4109



26.6580, 0.2257, 0.2664

Square

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



26.6580, 0.3807, 0.4109



26.6580, 0.2491, 0.3477



26.6580, 0.2452, 0.2515



26.6580, 0.3785, 0.3075

Rectangle

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



26.6580, 0.3807, 0.4109



26.6580, 0.3046, 0.4040



26.6580, 0.2452, 0.2515



26.6580, 0.3149, 0.2672

Sweetspot

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



26.6592, 0.3807, 0.4109



55.3871, 0.3312, 0.3525



15.1835, 0.3925, 0.3059



12.4668, 0.3331, 0.3549



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.6592, 0.3807, 0.4109



46.4507, 0.3971, 0.4283



29.0769, 0.3531, 0.4362



7.0095, 0.3265, 0.3466



17.1276, 0.4594, 0.4734



0.3042, 0.4388, 0.4897

Inverse Universe

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



14.2140, 0.2418, 0.2305



20.7131, 0.2238, 0.2034



12.8464, 0.2583, 0.2114



6.2197, 0.2988, 0.3108



2.7559, 0.1565, 0.0833



0.0847, 0.1748, 0.1493

Previews

White Background



This preview shows how the Yxy color 26.6580, 0.3807, 0.4109 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 26.6580, 0.3807, 0.4109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

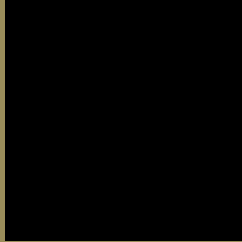
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6580, 0.3807, 0.4109

Background



This preview shows how black text looks on a background with the Yxy color 26.6580, 0.3807, 0.4109.



This preview shows how white text looks on a background with the Yxy color 26.6580, 0.3807, 0.4109.

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

26.6580, 0.3807, 0.4109

Protanopia

26.6580, 0.3807, 0.4109

Deuteranopia

26.6293, 0.4027, 0.3953



Tritanopia

26.5681, 0.3305, 0.3121

Trichromacy



Original Color

26.6580, 0.3807, 0.4109

Protanomaly

26.6580, 0.3807, 0.4109

Deuteranomaly

26.5392, 0.3942, 0.4001

Tritanomaly

26.6411, 0.3495, 0.3481

Monochromacy



Original Color

26.6580, 0.3807, 0.4109

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.0659, 0.3368, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6580, 0.3807, 0.4109 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(154, 141, 90)` looks like.

```
.text, #text, p{  
    color:rgb(154, 141, 90)  
}
```

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(154, 141, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 141, 90) }
```

Border

The CSS property to change the border of an element to Yxy 26.6580, 0.3807, 0.4109 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(154, 141, 90) }
```

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

```
.border{ border-color:rgb(154, 141, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 141, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 141, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 141, 90);  
box-shadow:4px 4px 4px 4px rgb(154, 141,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6580, 0.3807, 0.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 141, 90) }
```

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

```
.background{ background-color: rgb(154,  
141, 90) }
```

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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