

Converting Colors

$Y_{xy}(26.4947, 0.3654, 0.4010)$

Have a look what the booklet for
Yxy(26.4947, 0.3654, 0.4010)
contains.

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Color

Yxy(26.5237, 0.3649, 0.4018)

Conversions

Conversions Part 1

Format	Color
Hex	948E62
RGB	148, 142, 98
RGB Percent	58%, 56%, 38%
CMY	0.4197, 0.4431, 0.6158
CMYK	0.00, 0.04, 0.34, 0.42
HSL	53°, 20%, 48%
HSV	53°, 34%, 58%
XYZ	24.0878, 26.5237, 15.4006
YIQ	138.7780, 17.7000, -12.4120

Conversions

Conversions Part 2

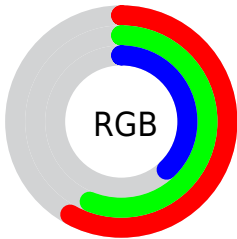
Format	Color
R_{YB}	105, 148, 98
Decimal	9735778
CIE Lab	58.53, -4.84, 24.30
CIE LCh	59, 24.773, 101.264
Yxy	26.5237, 0.3649, 0.4018
Android (android.graphics.Color)	4287925858 (0xFF948E62)
YUV	138.7780, -20.1036, 8.0877
Hunter-Lab	51.5012, -6.6400, 18.3210

Details

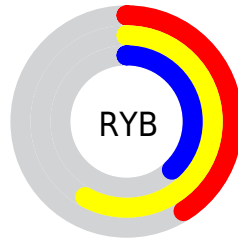
The Yxy color $26.5237, 0.3649, 0.4018$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $14.6261, 0.2555, 0.2439$, and the grayscale version is $25.8019, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3463, 0.3546, 0.3870$, and $10.3801, 0.3810, 0.4276$ is the 20% darker color. If you saturate the color by 10%, you get $25.7484, 0.3808, 0.4227$, and if you desaturate by 10%, it is $27.3614, 0.3489, 0.3800$.

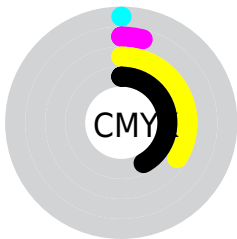
Distribution



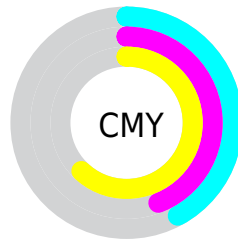
- Red (58%)
- Green (56%)
- Blue (38%)



- Red (41%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (4%)
- Yellow (34%)
- Black (42%)





- Cyan (42%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5237, 0.3649, 0.4018 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 26.5237, 0.3649, 0.4018 by changing the saturation by 10% instead.


 26.5237, 0.3649,
0.4018


 26.5237, 0.3649,
0.4018

285.3435, 0.3369,
0.3619


 17.2158, 0.3724,
0.4129


 54.1186, 0.3543,
0.3864


 10.3885, 0.3821,
0.4279


 73.1744, 0.3505,
0.3809

 5.6573, 0.3951,
0.4488

 96.2484, 0.3473,
0.3763

 2.6378, 0.4171,
0.4846

 123.7248, 0.3446,
0.3725

 0.9457, 0.4518,
0.5482

155.9882, 0.3423,
0.3693

 0.0000, 0.0000,
0.0000

193.4228, 0.3402,

0.3665

236.4131, 0.3385,
0.3640

■ 26.5237, 0.3649,
0.4018

■ 26.5237, 0.3649,
0.4018

■ 25.7484, 0.3808,
0.4227

■ 27.3614, 0.3489,
0.3800

■ 25.0291, 0.3959,
0.4420

■ 28.2606, 0.3332,
0.3582

■ 24.3638, 0.4098,
0.4586


■ 29.2251, 0.3182,
0.3369

■ 23.7489, 0.4217,
0.4717


■ 30.2571, 0.3041,
0.3164

■ 23.1804, 0.4312,
0.4808


■ 31.3588, 0.2909,
0.2972

 22.6535, 0.4380,
0.4857

 32.5324, 0.2789,
0.2793

 22.3387, 0.4416,
0.4876

 33.7799, 0.2679,
0.2628

 35.1032, 0.2580,
0.2477

 36.5041, 0.2490,
0.2338

Harmonies

Analogous

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



26.5237, 0.3908, 0.3820



26.5237, 0.3649, 0.4018



26.5237, 0.3259, 0.4011

Triad

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



26.5237, 0.3649, 0.4018



26.5237, 0.2369, 0.2982



26.5237, 0.3376, 0.2875

Complementary

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



26.5237, 0.3649, 0.4018



14.6261, 0.2555, 0.2439

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.



26.5237, 0.2951, 0.2676



26.5237, 0.3649, 0.4018



26.5237, 0.2394, 0.2716

Square

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



26.5237, 0.3649, 0.4018



26.5237, 0.2530, 0.3370



26.5237, 0.2599, 0.2615



26.5237, 0.3751, 0.3171

Rectangle

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



26.5237, 0.3649, 0.4018



26.5237, 0.2982, 0.3870



26.5237, 0.2599, 0.2615



26.5237, 0.3233, 0.2796

Sweetspot

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



26.5249, 0.3649, 0.4018



50.4717, 0.3277, 0.3505



16.0395, 0.3783, 0.3176



11.4727, 0.3297, 0.3532



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.



26.5249, 0.3649, 0.4018



45.7026, 0.3777, 0.4187



26.7756, 0.3414, 0.4165



6.6275, 0.3262, 0.3483



19.1105, 0.4414, 0.4877



0.2608, 0.4294, 0.4973

Inverse Universe

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



14.6261, 0.2555, 0.2439



21.2436, 0.2398, 0.2195



14.6046, 0.2757, 0.2375



5.7381, 0.2989, 0.3089



2.2107, 0.1531, 0.0711



0.0488, 0.1659, 0.1172

Previews

White Background



This preview shows how the Yxy color 26.5237, 0.3649, 0.4018 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 26.5237, 0.3649, 0.4018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

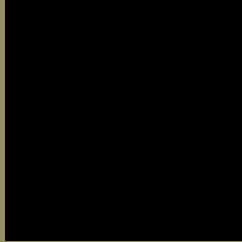
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5237, 0.3649, 0.4018

Background



This preview shows how black text looks on a background with the Yxy color 26.5237, 0.3649, 0.4018.



This preview shows how white text looks on a background with the Yxy color 26.5237, 0.3649, 0.4018.

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

26.5237, 0.3649, 0.4018

Protanopia

26.5882, 0.3712, 0.4006

Deuteranopia

26.4635, 0.3892, 0.3829



Tritanopia

26.5537, 0.3223, 0.3133

Trichromacy



Original Color

26.5237, 0.3649, 0.4018

Protanomaly

26.4921, 0.3700, 0.4010

Deuteranomaly

26.5514, 0.3802, 0.3907

Tritanomaly

26.4373, 0.3379, 0.3436

Monochromacy



Original Color

26.5237, 0.3649, 0.4018

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.9622, 0.3314, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5237, 0.3649, 0.4018 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(148, 142, 98)` looks like.

```
.text, #text, p{  
    color:rgb(148, 142, 98)  
}
```

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(148, 142, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 142, 98) }
```

Border

The CSS property to change the border of an element to Yxy 26.5237, 0.3649, 0.4018 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(148, 142, 98) }
```

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

```
.border{ border-color:rgb(148, 142, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 142, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 142, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 142, 98);  
box-shadow:4px 4px 4px 4px rgb(148, 142,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5237, 0.3649, 0.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 142, 98) }
```

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

```
.background{ background-color: rgb(148,  
142, 98) }
```

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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