

Converting Colors

$Y_{xy}(26.2458, 0.3649, 0.4657)$

Have a look what the booklet for
Yxy(26.2458, 0.3649, 0.4657)
contains.

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Color

Yxy(26.1987, 0.3649, 0.4648)

Conversions

Conversions Part 1

Format	Color
Hex	809445
RGB	128, 148, 69
RGB Percent	50%, 58%, 27%
CMY	0.4980, 0.4196, 0.7295
CMYK	0.14, 0.00, 0.53, 0.42
HSL	75°, 36%, 43%
HSV	75°, 53%, 58%
XYZ	20.5678, 26.1987, 9.5991
YIQ	133.0140, 13.4390, -28.8090

Conversions

Conversions Part 2

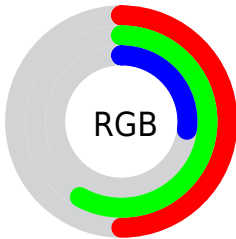
Format	Color
RYB	69, 148, 89
Decimal	8426565
CIELab	58.23, -19.75, 38.96
CIELCh	58, 43.683, 116.884
Yxy	26.1987, 0.3649, 0.4648
Android (android.graphics.Color)	4286616645 (0xFF809445)
YUV	133.0140, -31.5589, -4.3973
Hunter-Lab	51.1847, -17.8456, 24.7102

Details

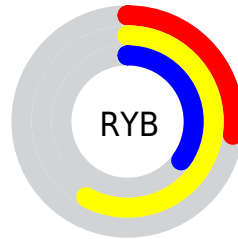
The Yxy color **26.1987, 0.3649, 0.4648** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.5134, 0.2358, 0.1732**, and the grayscale version is **23.5752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5181, 0.3564, 0.4360**, and **10.1742, 0.3761, 0.5135** is the 20% darker color. If you saturate the color by 10%, you get **25.7536, 0.3713, 0.4876**, and if you desaturate by 10%, it is **26.7027, 0.3567, 0.4398**.

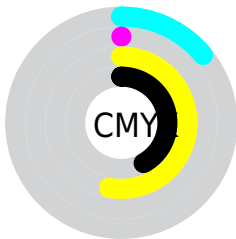
Distribution



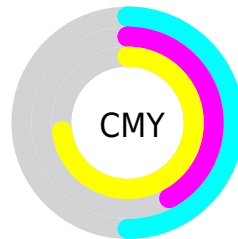
- Red (50%)
- Green (58%)
- Blue (27%)



- Red (27%)
- Yellow (58%)
- Blue (35%)



- Cyan (14%)
- Magenta (0%)
- Yellow (53%)
- Black (42%)





- Cyan (50%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1987, 0.3649, 0.4648 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 26.1987, 0.3649, 0.4648 by changing the saturation by 10% instead.


 26.1987, 0.3649,
0.4648

 26.1987, 0.3649,
0.4648


283.7561, 0.3395,
0.3889


 16.9723, 0.3699,
0.4860


 53.5953, 0.3563,
0.4354


 10.2148, 0.3749,
0.5141


 72.5344, 0.3529,
0.4249

 5.5416, 0.3788,
0.5534

 95.4798, 0.3499,
0.4162

 2.5684, 0.3818,
0.6182

 122.8160, 0.3472,
0.4090

 0.9108, 0.2962,
0.7038

 154.9273, 0.3450,
0.4028

 0.0000, 0.0000,
0.0000

192.1982, 0.3429,

0.3975

235.0130, 0.3411,
0.3929

■ 26.1987, 0.3649,
0.4648

■ 26.1987, 0.3649,
0.4648

■ 25.7536, 0.3713,
0.4876

■ 26.7027, 0.3567,
0.4398

■ 25.3602, 0.3756,
0.5072

■ 27.2653, 0.3473,
0.4136

■ 25.0158, 0.3776,
0.5227

■ 27.8907, 0.3372,
0.3873

■ 24.7153, 0.3771,
0.5337

■ 28.5815, 0.3267,
0.3616

■ 24.5320, 0.3760,
0.5397

■ 29.3404, 0.3162,
0.3370

■ 30.1696, 0.3060,
0.3139

■ 31.0716, 0.2962,
0.2926

■ 32.0485, 0.2870,
0.2730

■ 33.1023, 0.2784,
0.2552

Harmonies

Analogous

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



26.1987, 0.4255, 0.4379



26.1987, 0.3649, 0.4648



26.1987, 0.2939, 0.4451

Triad

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



26.1987, 0.3649, 0.4648



26.1987, 0.1851, 0.2458



26.1987, 0.3934, 0.2821

Complementary

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



26.1987, 0.3649, 0.4648



8.5134, 0.2358, 0.1732

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.



26.1987, 0.3182, 0.2419



26.1987, 0.3649, 0.4648



26.1987, 0.2041, 0.2196

Square

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



26.1987, 0.3649, 0.4648



26.1987, 0.1940, 0.3013



26.1987, 0.2498, 0.2196



26.1987, 0.4472, 0.3333

Rectangle

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



26.1987, 0.3649, 0.4648



26.1987, 0.2504, 0.4041



26.1987, 0.2498, 0.2196



26.1987, 0.3692, 0.2671

Sweetspot

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



26.1999, 0.3649, 0.4648



50.0619, 0.3298, 0.3690



13.8257, 0.4422, 0.3632



11.3760, 0.3317, 0.3738



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.



26.1999, 0.3649, 0.4648



45.3033, 0.3723, 0.4916



23.7198, 0.3226, 0.4855



6.6716, 0.3223, 0.3511



20.9677, 0.3763, 0.5394



0.2706, 0.3978, 0.5223

Inverse Universe

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



8.5134, 0.2358, 0.1732



10.7082, 0.2149, 0.1371



10.9998, 0.2895, 0.1940



5.6996, 0.3026, 0.3064



2.1804, 0.1667, 0.0692



0.0390, 0.2085, 0.0922

Previews

White Background



This preview shows how the Yxy color 26.1987, 0.3649, 0.4648 looks on a white background.

Color Contrast Check

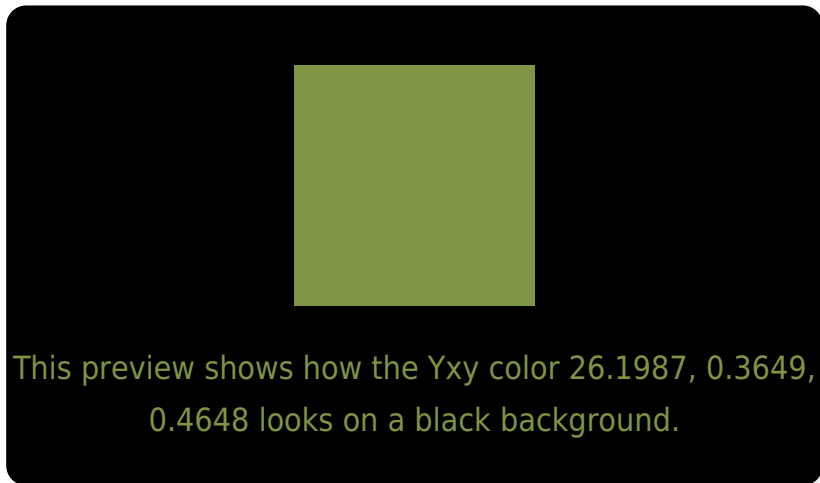
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 26.1987, 0.3649, 0.4648

Background



This preview shows how black text looks on a background with the Yxy color 26.1987, 0.3649, 0.4648.



This preview shows how white text looks on a background with the Yxy color 26.1987, 0.3649, 0.4648.

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

26.1987, 0.3649, 0.4648

Protanopia

26.1181, 0.4052, 0.4432

Deuteranopia

25.9140, 0.4241, 0.4165



Tritanopia

26.0705, 0.3008, 0.3109

Trichromacy



Original Color

26.1987, 0.3649, 0.4648

Protanomaly

26.0699, 0.3899, 0.4515

Deuteranomaly

25.6134, 0.4015, 0.4326

Tritanomaly

25.7948, 0.3251, 0.3653

Monochromacy



Original Color

26.1987, 0.3649, 0.4648

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.1280, 0.3339, 0.3789

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1987, 0.3649, 0.4648 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(128, 148, 69)` looks like.

```
.text, #text, p{  
    color:rgb(128, 148, 69)  
}
```

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(128, 148, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 148, 69) }
```

Border

The CSS property to change the border of an element to Yxy 26.1987, 0.3649, 0.4648 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(128, 148, 69) }
```

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

```
.border{ border-color:rgb(128, 148, 69) }
```

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

Here you see how a box with a 4 pixel rgb(128, 148, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 148, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 148, 69);  
box-shadow:4px 4px 4px 4px rgb(128, 148,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1987, 0.3649, 0.4648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 148, 69) }
```

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

```
.background{ background-color: rgb(128,  
148, 69) }
```

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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