

Converting Colors

$Y_{xy}(27.3308, 0.3772, 0.4599)$

Have a look what the booklet for
Yxy(27.3308, 0.3772, 0.4599)
contains.

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Color

Yxy(27.4135, 0.3769, 0.4598)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 8B9545 |
| RGB | 139, 149, 69 |
| RGB Percent | 55%, 58%, 27% |
| CMY | 0.4548, 0.4157, 0.7294 |
| CMYK | 0.07, 0.00, 0.54, 0.42 |
| HSL | 67°, 37%, 43% |
| HSV | 67°, 54%, 58% |
| XYZ | 22.4710, 27.4135, 9.7360 |
| YIQ | 136.8900, 19.7200, -27.0000 |

Conversions

Conversions Part 2

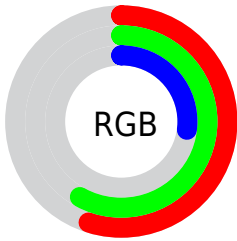
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 69, 149, 79 |
| Decimal | 9147717 |
| CIELab | 59.36, -15.64, 40.49 |
| CIELCh | 59, 43.403, 111.116 |
| Yxy | 27.4135, 0.3769, 0.4598 |
| Android (android.graphics.Color) | 4287337797 (0xFF8B9545) |
| YUV | 136.8900, -33.4698, 1.8505 |
| Hunter-Lab | 52.3579, -15.0177, 25.6255 |

Details

The Yxy color **27.4135, 0.3769, 0.4598** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.0869, 0.2231, 0.1675**, and the grayscale version is **25.0971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.5373, 0.3656, 0.4320**, and **10.8086, 0.3917, 0.5031** is the 20% darker color. If you saturate the color by 10%, you get **27.0937, 0.3855, 0.4801**, and if you desaturate by 10%, it is **27.7850, 0.3665, 0.4369**.

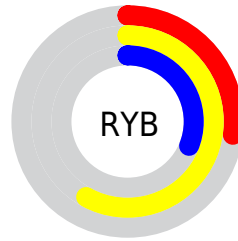
Distribution



Red (55%)

Green (58%)

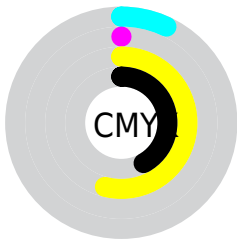
Blue (27%)



Red (27%)

Yellow (58%)

Blue (31%)

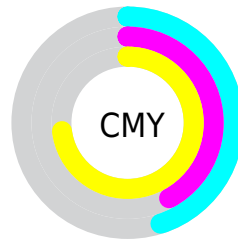


Cyan (7%)

Magenta (0%)

Yellow (54%)

Black (42%)



Cyan (45%)


Magenta (42%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4135, 0.3769, 0.4598 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 27.4135, 0.3769, 0.4598 by changing the saturation by 10% instead.

 27.4135, 0.3769,
0.4598


 27.4135, 0.3769,
0.4598


289.6537, 0.3451,
0.3881


 17.8840, 0.3837,
0.4791


 55.5467, 0.3659,
0.4325


 10.8667, 0.3910,
0.5042


 74.9192, 0.3615,
0.4225

 5.9773, 0.3982,
0.5380

 98.3415, 0.3578,
0.4143

 2.8313, 0.4072,
0.5928

 126.1980, 0.3546,
0.4074

 1.0443, 0.3659,
0.6341

 158.8730, 0.3517,
0.4015

 0.0000, 0.0000,
0.0000

196.7511, 0.3492,

0.3964

240.2165, 0.3470,
0.3919

■ 27.4135, 0.3769,
0.4598

■ 27.4135, 0.3769,
0.4598

■ 27.0937, 0.3855,
0.4801

■ 27.7850, 0.3665,
0.4369

■ 26.8182, 0.3920,
0.4969

■ 28.2077, 0.3549,
0.4124

■ 26.5843, 0.3960,
0.5096

■ 28.6857, 0.3425,
0.3872

■ 26.3870, 0.3976,
0.5181

■ 29.2216, 0.3298,
0.3621

■ 26.2728, 0.3979,
0.5223

■ 29.8180, 0.3173,
0.3377

■ 30.4773, 0.3051,
0.3146

■ 31.2017, 0.2936,
0.2929

■ 31.9932, 0.2827,
0.2728

■ 32.8540, 0.2727,
0.2545

Harmonies

Analogous

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



27.4135, 0.4322, 0.4277



27.4135, 0.3769, 0.4598



27.4135, 0.3078, 0.4502

Triad

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



27.4135, 0.3769, 0.4598



27.4135, 0.1869, 0.2558



27.4135, 0.3783, 0.2743

Complementary

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



27.4135, 0.3769, 0.4598



8.0869, 0.2231, 0.1675

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.



27.4135, 0.3040, 0.2377



27.4135, 0.3769, 0.4598



27.4135, 0.2004, 0.2245

Square

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



27.4135, 0.3769, 0.4598



27.4135, 0.2012, 0.3156



27.4135, 0.2405, 0.2197



27.4135, 0.4371, 0.3233

Rectangle

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



27.4135, 0.3769, 0.4598



27.4135, 0.2633, 0.4156



27.4135, 0.2405, 0.2197



27.4135, 0.3538, 0.2604

Sweetspot

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



27.4147, 0.3769, 0.4598



52.0697, 0.3331, 0.3686



12.3147, 0.4545, 0.3451



11.4997, 0.3355, 0.3732



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.



27.4147, 0.3769, 0.4598



48.4371, 0.3867, 0.4830



24.6145, 0.3332, 0.4813



6.7083, 0.3241, 0.3510



22.1212, 0.3980, 0.5222



0.2790, 0.4092, 0.5133

Inverse Universe

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



8.0869, 0.2231, 0.1675



10.1802, 0.2010, 0.1307



10.3003, 0.2740, 0.1873



5.6656, 0.3007, 0.3063



1.9472, 0.1558, 0.0632



0.0306, 0.1807, 0.0769

Previews

White Background



This preview shows how the Yxy color 27.4135, 0.3769, 0.4598 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 27.4135, 0.3769, 0.4598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

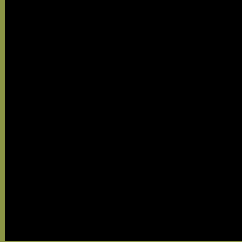
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4135, 0.3769, 0.4598

Background



This preview shows how black text looks on a background with the Yxy color 27.4135, 0.3769, 0.4598.



This preview shows how white text looks on a background with the Yxy color 27.4135, 0.3769, 0.4598.

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

27.4135, 0.3769, 0.4598

Protanopia

27.3193, 0.4053, 0.4440

Deuteranopia

27.1902, 0.4270, 0.4198



Tritanopia

27.2864, 0.3103, 0.3116

Trichromacy



Original Color

27.4135, 0.3769, 0.4598

Protanomaly

27.2475, 0.3946, 0.4493

Deuteranomaly

27.1861, 0.4083, 0.4342

Tritanomaly

27.0451, 0.3372, 0.3655

Monochromacy



Original Color

27.4135, 0.3769, 0.4598

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.6229, 0.3391, 0.3789

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4135, 0.3769, 0.4598 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(139, 149, 69)` looks like.

```
.text, #text, p{  
    color:rgb(139, 149, 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(139, 149, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 149, 69) }
```

Border

The CSS property to change the border of an element to Yxy 27.4135, 0.3769, 0.4598 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(139, 149, 69) }
```

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

```
.border{ border-color:rgb(139, 149, 69) }
```

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

Here you see how a box with a 4 pixel rgb(139, 149, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 149, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 149, 69);  
box-shadow:4px 4px 4px 4px rgb(139, 149,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4135, 0.3769, 0.4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 149, 69) }
```

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

```
.background{ background-color: rgb(139,  
149, 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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