

Converting Colors

$Y_{xy}(27.4633, 0.3978, 0.4862)$

Have a look what the booklet for
Yxy(27.4633, 0.3978, 0.4862)
contains.

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Color

Yxy(27.5240, 0.3978, 0.4856)

Conversions

Conversions Part 1

Format	Color
Hex	8F952D
RGB	143, 149, 45
RGB Percent	56%, 58%, 18%
CMY	0.4393, 0.4157, 0.8234
CMYK	0.04, 0.00, 0.70, 0.42
HSL	63°, 54%, 38%
HSV	63°, 70%, 58%
XYZ	22.5475, 27.5240, 6.6089
YIQ	135.3500, 29.8080, -33.6160

Conversions

Conversions Part 2

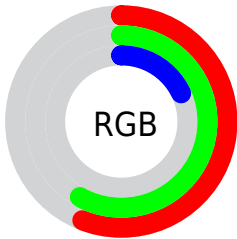
Format	Color
RYB	45, 149, 51
Decimal	9409837
CIELab	59.46, -15.72, 51.50
CIELCh	59, 53.844, 106.977
Yxy	27.5240, 0.3978, 0.4856
Android (android.graphics.Color)	4287599917 (0xFF8F952D)
YUV	135.3500, -44.5425, 6.7091
Hunter-Lab	52.4633, -15.0958, 29.2554

Details

The Yxy color **27.5240, 0.3978, 0.4856** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.7537, 0.1866, 0.1147**, and the grayscale version is **24.5268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7171, 0.3846, 0.4553**, and **10.8592, 0.4043, 0.5172** is the 20% darker color. If you saturate the color by 10%, you get **27.3533, 0.4039, 0.4986**, and if you desaturate by 10%, it is **27.7384, 0.3893, 0.4687**.

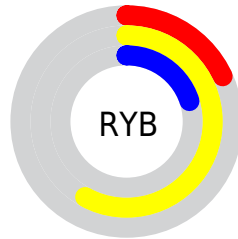
Distribution



Red (56%)

Green (58%)

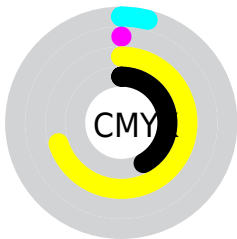
Blue (18%)



Red (18%)

Yellow (58%)

Blue (20%)

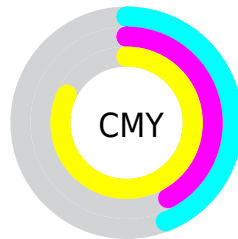


Cyan (4%)

Magenta (0%)

Yellow (70%)

Black (42%)



Cyan (44%)


Magenta (42%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5240, 0.3978, 0.4856 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 27.5240, 0.3978, 0.4856 by changing the saturation by 10% instead.


 27.5240, 0.3978,
0.4856


 27.5240, 0.3978,
0.4856


290.1854, 0.3573,
0.4019


 17.9672, 0.4051,
0.5063

 55.7236, 0.3846,
0.4548

 10.9264, 0.4118,
0.5314


 75.1351, 0.3791,
0.4432

 6.0174, 0.4251,
0.5749


 98.6003, 0.3742,
0.4335

 2.8556, 0.4070,
0.5930

 126.5036, 0.3699,
0.4252

 1.0568, 0.3664,
0.6336

 159.2293, 0.3662,
0.4182

 0.0000, 0.0000,
0.0000

 197.1620, 0.3629,

0.4120

240.6858, 0.3599,
0.4066

■ 27.5240, 0.3978,
0.4856

■ 27.5240, 0.3978,
0.4856

■ 27.3533, 0.4039,
0.4986

■ 27.7384, 0.3893,
0.4687

■ 27.2180, 0.4076,
0.5074

■ 27.9964, 0.3787,
0.4485

■ 27.1080, 0.4094,
0.5130

■ 28.3028, 0.3666,
0.4259

■ 27.1057, 0.4094,
0.5131

■ 28.6606, 0.3534,
0.4018

■ 29.0726, 0.3397,
0.3770

■ 29.5415, 0.3259,
0.3524

■ 30.0696, 0.3124,
0.3285

■ 30.6593, 0.2995,
0.3058

■ 31.3126, 0.2874,
0.2846

Harmonies

Analogous

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



27.5240, 0.4628, 0.4362



27.5240, 0.3978, 0.4856



27.5240, 0.3152, 0.4883

Triad

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



27.5240, 0.3978, 0.4856



27.5240, 0.1630, 0.2457



27.5240, 0.3806, 0.2557

Complementary

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



27.5240, 0.3978, 0.4856



4.7537, 0.1866, 0.1147

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.



27.5240, 0.2889, 0.2157



27.5240, 0.3978, 0.4856



27.5240, 0.1746, 0.2059

Square

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



27.5240, 0.3978, 0.4856



27.5240, 0.1828, 0.3226



27.5240, 0.2166, 0.1978



27.5240, 0.4592, 0.3108

Rectangle

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



27.5240, 0.3978, 0.4856



27.5240, 0.2608, 0.4505



27.5240, 0.2166, 0.1978



27.5240, 0.3494, 0.2403

Sweetspot

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



27.5253, 0.3978, 0.4856



51.9319, 0.3420, 0.3811



8.8802, 0.5319, 0.3369



11.4673, 0.3454, 0.3872



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.



27.5253, 0.3978, 0.4856



48.8303, 0.4064, 0.5043



23.9527, 0.3406, 0.5223



6.7277, 0.3251, 0.3509



22.8153, 0.4095, 0.5131



0.2834, 0.4147, 0.5089

Inverse Universe

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



4.7537, 0.1866, 0.1147



5.3263, 0.1637, 0.0786



6.8861, 0.2478, 0.1438



5.6480, 0.2997, 0.3062



1.8777, 0.1525, 0.0614



0.0262, 0.1648, 0.0681

Previews

White Background



This preview shows how the Yxy color 27.5240, 0.3978, 0.4856 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 27.5240, 0.3978, 0.4856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

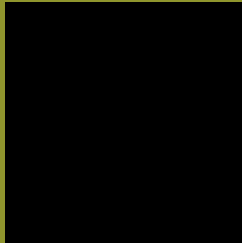
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5240, 0.3978, 0.4856

Background



This preview shows how black text looks on a background with the Yxy color 27.5240, 0.3978, 0.4856.



This preview shows how white text looks on a background with the Yxy color 27.5240, 0.3978, 0.4856.

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

27.5240, 0.3978, 0.4856

Protanopia

27.3004, 0.4241, 0.4673

Deuteranopia

27.4223, 0.4495, 0.4407



Tritanopia

27.4396, 0.3168, 0.3118

Trichromacy



Original Color

27.5240, 0.3978, 0.4856

Protanomaly

27.3027, 0.4150, 0.4740

Deuteranomaly

27.3701, 0.4306, 0.4571

Tritanomaly

27.2043, 0.3511, 0.3799

Monochromacy



Original Color

27.5240, 0.3978, 0.4856

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.1187, 0.3498, 0.3948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5240, 0.3978, 0.4856 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(143, 149, 45)` looks like.

```
.text, #text, p{  
    color:rgb(143, 149, 45)  
}
```

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(143, 149, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 149, 45) }
```

Border

The CSS property to change the border of an element to Yxy 27.5240, 0.3978, 0.4856 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(143, 149, 45) }
```

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

```
.border{ border-color:rgb(143, 149, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 149, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 149, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 149, 45);  
box-shadow:4px 4px 4px 4px rgb(143, 149,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5240, 0.3978, 0.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 149, 45) }
```

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

```
.background{ background-color: rgb(143,  
149, 45) }
```

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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