

Converting Colors

$Y_{xy}(25.4937, 0.3828, 0.4938)$

Have a look what the booklet for
Yxy(25.4937, 0.3828, 0.4938)
contains.

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Color

Yxy(25.3364, 0.3829, 0.4936)

Conversions

Conversions Part 1

Format	Color
Hex	80922D
RGB	128, 146, 45
RGB Percent	50%, 57%, 18%
CMY	0.4981, 0.4274, 0.8234
CMYK	0.12, 0.00, 0.69, 0.43
HSL	71°, 53%, 37%
HSV	71°, 69%, 57%
XYZ	19.6542, 25.3364, 6.3392
YIQ	129.1040, 21.6930, -35.2270

Conversions

Conversions Part 2

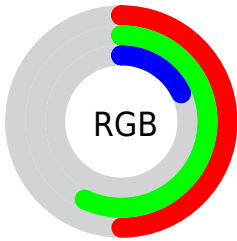
Format	Color
R_{YB}	45, 146, 63
Decimal	8426029
CIE _{Lab}	57.40, -20.72, 49.04
CIE _{LCh}	57, 53.235, 112.901
Yxy	25.3364, 0.3829, 0.4936
Android (android.graphics.Color)	4286616109 (0xFF80922D)
YUV	129.1040, -41.4633, -0.9682
Hunter-Lab	50.3353, -18.3886, 27.7677

Details

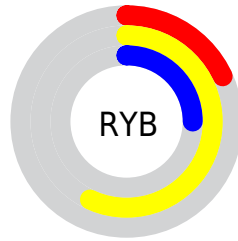
The Yxy color **25.3364, 0.3829, 0.4936** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.0120, 0.1999, 0.1225**, and the grayscale version is **22.1348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2389, 0.3723, 0.4593**, and **9.8616, 0.3834, 0.5337** is the 20% darker color. If you saturate the color by 10%, you get **25.0445, 0.3871, 0.5094**, and if you desaturate by 10%, it is **25.6747, 0.3763, 0.4740**.

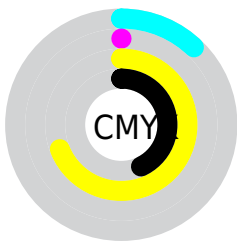
Distribution



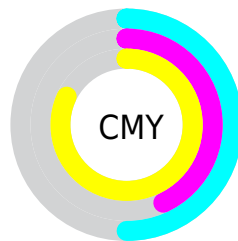
- Red (50%)
- Green (57%)
- Blue (18%)



- Red (18%)
- Yellow (57%)
- Blue (25%)



- Cyan (12%)
- Magenta (0%)
- Yellow (69%)
- Black (43%)




- Cyan (50%)
- Magenta (43%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3364, 0.3829, 0.4936 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 25.3364, 0.3829, 0.4936 by changing the saturation by 10% instead.


 25.3364, 0.3829,
0.4936


 25.3364, 0.3829,
0.4936


279.5091, 0.3501,
0.4028


 16.3279, 0.3882,
0.5174


 52.2024, 0.3725,
0.4593


 9.7565, 0.3919,
0.5472


 70.8287, 0.3681,
0.4467


 5.2378, 0.4006,
0.5994

 93.4297, 0.3641,
0.4362

 2.3874, 0.3736,
0.6264

 120.3898, 0.3606,
0.4274

 0.8194, 0.2500,
0.7500

 152.0934, 0.3575,
0.4199

 0.0000, 0.0000,
0.0000

 188.9249, 0.3547,

0.4134

231.2687, 0.3523,
0.4078

■ 25.3364, 0.3829,
0.4936

■ 25.3364, 0.3829,
0.4936

■ 25.0445, 0.3871,
0.5094

■ 25.6747, 0.3763,
0.4740

■ 24.7912, 0.3889,
0.5209

■ 26.0597, 0.3678,
0.4515

■ 24.5679, 0.3887,
0.5289

■ 26.4956, 0.3577,
0.4270

■ 24.5496, 0.3887,
0.5296

■ 26.9854, 0.3467,
0.4015

■ 27.5319, 0.3350,
0.3759

■ 28.1374, 0.3233,
0.3509

■ 28.8044, 0.3118,
0.3271

■ 29.5351, 0.3007,
0.3046

■ 30.3315, 0.2901,
0.2839

Harmonies

Analogous

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



25.3364, 0.4541, 0.4492



25.3364, 0.3829, 0.4936



25.3364, 0.2981, 0.4832

Triad

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



25.3364, 0.3829, 0.4936



25.3364, 0.1610, 0.2335



25.3364, 0.3998, 0.2647

Complementary

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



25.3364, 0.3829, 0.4936



5.0120, 0.1999, 0.1225

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.



25.3364, 0.3060, 0.2206



25.3364, 0.3829, 0.4936



25.3364, 0.1787, 0.2003

Square

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



25.3364, 0.3829, 0.4936



25.3364, 0.1743, 0.3040



25.3364, 0.2273, 0.1977



25.3364, 0.4722, 0.3224

Rectangle

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



25.3364, 0.3829, 0.4936



25.3364, 0.2448, 0.4358



25.3364, 0.2273, 0.1977



25.3364, 0.3688, 0.2480

Sweetspot

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



25.3375, 0.3829, 0.4936



48.3388, 0.3377, 0.3817



9.7305, 0.5126, 0.3552



10.7005, 0.3405, 0.3879



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.3375, 0.3829, 0.4936



43.9235, 0.3884, 0.5163



22.3977, 0.3289, 0.5280



6.6929, 0.3234, 0.3511



21.6109, 0.3889, 0.5294



0.2755, 0.4046, 0.5170

Inverse Universe

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



5.0120, 0.1999, 0.1225



5.6595, 0.1757, 0.0862



7.4215, 0.2665, 0.1539



5.6798, 0.3015, 0.3063



2.0274, 0.1596, 0.0653



0.0341, 0.1927, 0.0835

Previews

White Background



This preview shows how the Yxy color 25.3364, 0.3829, 0.4936 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 25.3364, 0.3829, 0.4936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

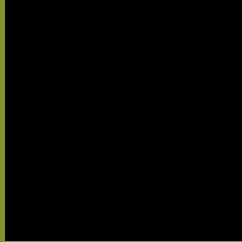
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3364, 0.3829, 0.4936

Background



This preview shows how black text looks on a background with the Yxy color 25.3364, 0.3829, 0.4936.



This preview shows how white text looks on a background with the Yxy color 25.3364, 0.3829, 0.4936.

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

25.3364, 0.3829, 0.4936

Protanopia

25.2214, 0.4230, 0.4669

Deuteranopia

25.2423, 0.4465, 0.4381



Tritanopia

25.1182, 0.3038, 0.3108

Trichromacy



Original Color

25.3364, 0.3829, 0.4936

Protanomaly

25.2513, 0.4084, 0.4762

Deuteranomaly

24.8980, 0.4236, 0.4572

Tritanomaly

24.9503, 0.3369, 0.3816

Monochromacy



Original Color

25.3364, 0.3829, 0.4936

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.8769, 0.3451, 0.3963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3364, 0.3829, 0.4936 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, 146, 45)` looks like.

```
.text, #text, p{  
    color:rgb(128, 146, 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(128, 146, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 146, 45) }
```

Border

The CSS property to change the border of an element to Yxy 25.3364, 0.3829, 0.4936 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, 146, 45) }
```

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

```
.border{ border-color:rgb(128, 146, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 146, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 146, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 146, 45);  
box-shadow:4px 4px 4px 4px rgb(128, 146,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3364, 0.3829, 0.4936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 146, 45) }
```

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

```
.background{ background-color: rgb(128,  
146, 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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