

Converting Colors

$Y_{xy}(25.3306, 0.3823, 0.4702)$

Have a look what the booklet for
Yxy(25.3306, 0.3823, 0.4702)
contains.

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Color

Yxy(25.3306, 0.3823, 0.4702)

Conversions

Conversions Part 1

Format	Color
Hex	86903B
RGB	134, 144, 59
RGB Percent	53%, 56%, 23%
CMY	0.4745, 0.4353, 0.7685
CMYK	0.07, 0.00, 0.59, 0.44
HSL	67°, 42%, 40%
HSV	67°, 59%, 56%
XYZ	20.5953, 25.3306, 7.9461
YIQ	131.3200, 21.3250, -28.5550

Conversions

Conversions Part 2

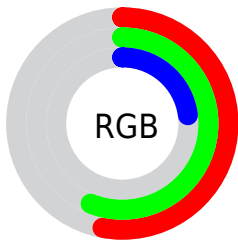
Format	Color
RYB	59, 144, 69
Decimal	8818747
CIELab	57.40, -16.05, 42.97
CIELCh	57, 45.865, 110.478
Yxy	25.3306, 0.3823, 0.4702
Android (android.graphics.Color)	4287008827 (0xFF86903B)
YUV	131.3200, -35.6538, 2.3504
Hunter-Lab	50.3295, -15.0330, 25.8698

Details

The Yxy color **25.3306, 0.3823, 0.4702** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.4119, 0.2125, 0.1505**, and the grayscale version is **22.9437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3328, 0.3701, 0.4403**, and **9.8080, 0.3965, 0.5183** is the 20% darker color. If you saturate the color by 10%, you get **25.0641, 0.3900, 0.4886**, and if you desaturate by 10%, it is **25.6428, 0.3727, 0.4487**.

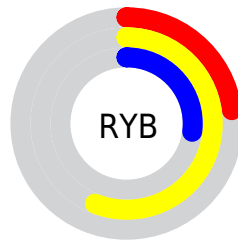
Distribution



Red (53%)

Green (56%)

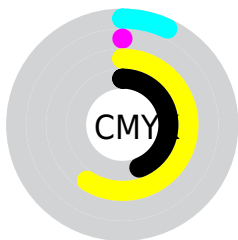
Blue (23%)



Red (23%)

Yellow (56%)

Blue (27%)

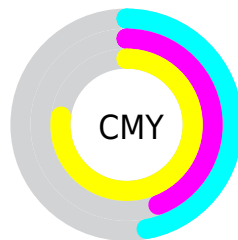


Cyan (7%)

Magenta (0%)

Yellow (59%)

Black (44%)



Cyan (47%)

Magenta (44%)

Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3306, 0.3823, 0.4702 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 25.3306, 0.3823, 0.4702 by changing the saturation by 10% instead.


 25.3306, 0.3823,
0.4702


 25.3306, 0.3823,
0.4702


279.4804, 0.3479,
0.3922


 16.3235, 0.3893,
0.4911


 52.1930, 0.3705,
0.4404

 9.7534, 0.3964,
0.5180


 70.8172, 0.3658,
0.4296

 5.2358, 0.4073,
0.5608

 93.4159, 0.3617,
0.4207

 2.3862, 0.4000,
0.6000

 120.3734, 0.3582,
0.4132

 0.8188, 0.3207,
0.6793

 152.0743, 0.3551,
0.4067

 0.0000, 0.0000,
0.0000

 188.9028, 0.3524,

0.4012

231.2433, 0.3500,
0.3964

■ 25.3306, 0.3823,
0.4702

■ 25.3306, 0.3823,
0.4702

■ 25.0641, 0.3900,
0.4886

■ 25.6428, 0.3727,
0.4487

■ 24.8365, 0.3953,
0.5032

■ 26.0005, 0.3615,
0.4251

■ 24.6447, 0.3982,
0.5136

■ 26.4075, 0.3493,
0.4003

■ 24.4795, 0.3991,
0.5206

■ 26.8665, 0.3367,
0.3752

■ 24.4633, 0.3992,
0.5213

■ 27.3797, 0.3240,
0.3505

■ 27.9496, 0.3115,
0.3267

■ 28.5781, 0.2995,
0.3043

■ 29.2673, 0.2882,
0.2834

■ 30.0190, 0.2777,
0.2641

Harmonies

Analogous

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



25.3306, 0.4419, 0.4330



25.3306, 0.3823, 0.4702



25.3306, 0.3080, 0.4626

Triad

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



25.3306, 0.3823, 0.4702



25.3306, 0.1781, 0.2505



25.3306, 0.3819, 0.2691

Complementary

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



25.3306, 0.3823, 0.4702



6.4119, 0.2125, 0.1505

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.



25.3306, 0.3013, 0.2306



25.3306, 0.3823, 0.4702



25.3306, 0.1918, 0.2171

Square

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



25.3306, 0.3823, 0.4702



25.3306, 0.1934, 0.3153



25.3306, 0.2336, 0.2119



25.3306, 0.4467, 0.3208

Rectangle

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



25.3306, 0.3823, 0.4702



25.3306, 0.2602, 0.4254



25.3306, 0.2336, 0.2119



25.3306, 0.3551, 0.2544

Sweetspot

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



25.3318, 0.3823, 0.4702



47.4395, 0.3359, 0.3736



10.4956, 0.4755, 0.3461



10.8273, 0.3393, 0.3802



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.



25.3318, 0.3823, 0.4702



44.0599, 0.3921, 0.4941



22.5183, 0.3338, 0.4966



6.2537, 0.3242, 0.3509



21.3091, 0.3993, 0.5212



0.2096, 0.4098, 0.5128

Inverse Universe

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



6.4119, 0.2125, 0.1505



7.4733, 0.1881, 0.1108



8.5529, 0.2690, 0.1742



5.2835, 0.3007, 0.3064



1.8628, 0.1555, 0.0630



0.0226, 0.1791, 0.0760

Previews

White Background



This preview shows how the Yxy color 25.3306, 0.3823, 0.4702 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 25.3306, 0.3823, 0.4702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

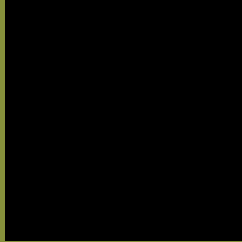
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3306, 0.3823, 0.4702

Background



This preview shows how black text looks on a background with the Yxy color 25.3306, 0.3823, 0.4702.



This preview shows how white text looks on a background with the Yxy color 25.3306, 0.3823, 0.4702.

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

25.3306, 0.3823, 0.4702

Protanopia

25.2447, 0.4120, 0.4529

Deuteranopia

25.1375, 0.4342, 0.4265



Tritanopia

25.2429, 0.3102, 0.3110

Trichromacy



Original Color

25.3306, 0.3823, 0.4702

Protanomaly

25.1726, 0.4009, 0.4588

Deuteranomaly

25.1242, 0.4146, 0.4418

Tritanomaly

24.9673, 0.3402, 0.3702

Monochromacy



Original Color

25.3306, 0.3823, 0.4702

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.5338, 0.3409, 0.3845

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3306, 0.3823, 0.4702 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(134, 144, 59)` looks like.

```
.text, #text, p{  
    color:rgb(134, 144, 59)  
}
```

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(134, 144, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 144, 59) }
```

Border

The CSS property to change the border of an element to Yxy 25.3306, 0.3823, 0.4702 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(134, 144, 59) }
```

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

```
.border{ border-color:rgb(134, 144, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 144, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 144, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 144, 59);  
box-shadow:4px 4px 4px 4px rgb(134, 144,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3306, 0.3823, 0.4702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 144, 59) }
```

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

```
.background{ background-color: rgb(134,  
144, 59) }
```

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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