

Converting Colors

$Yxy(32.4527, 0.3853, 0.4824)$

Have a look what the booklet for
Yxy(32.4527, 0.3853, 0.4824)
contains.

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Color

Yxy(32.4420, 0.3851, 0.4825)

Conversions

Conversions Part 1

Format	Color
Hex	94A23A
RGB	148, 162, 58
RGB Percent	58%, 64%, 23%
CMY	0.4197, 0.3647, 0.7725
CMYK	0.09, 0.00, 0.64, 0.36
HSL	68°, 47%, 43%
HSV	68°, 64%, 64%
XYZ	25.8931, 32.4420, 8.9022
YIQ	145.9580, 25.0400, -35.3120

Conversions

Conversions Part 2

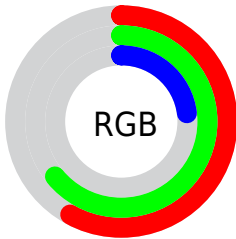
Format	Color
RYB	58, 162, 72
Decimal	9740858
CIELab	63.71, -19.43, 50.62
CIElCh	64, 54.222, 111.002
Yxy	32.4420, 0.3851, 0.4825
Android (android.graphics.Color)	4287930938 (0xFF94A23A)
YUV	145.9580, -43.3633, 1.7908
Hunter-Lab	56.9579, -18.5301, 30.6038

Details

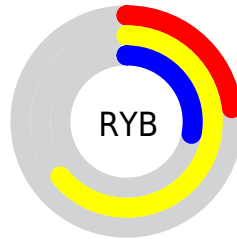
The Yxy color **32.4420, 0.3851, 0.4825** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.0170, 0.2033, 0.1331**, and the grayscale version is **28.8994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5889, 0.3742, 0.4530**, and **13.5315, 0.3951, 0.5245** is the 20% darker color. If you saturate the color by 10%, you get **32.1016, 0.3912, 0.4993**, and if you desaturate by 10%, it is **32.8411, 0.3768, 0.4622**.

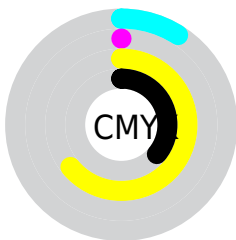
Distribution



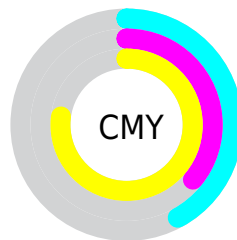
- Red (58%)
- Green (64%)
- Blue (23%)



- Red (23%)
- Yellow (64%)
- Blue (28%)



- Cyan (9%)
- Magenta (0%)
- Yellow (64%)
- Black (36%)





- Cyan (42%)
- Magenta (36%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4420, 0.3851, 0.4825 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 32.4420, 0.3851, 0.4825 by changing the saturation by 10% instead.


 32.4420, 0.3851,
0.4825


 32.4420, 0.3851,
0.4825


313.1278, 0.3517,
0.4012


 21.6993, 0.3910,
0.5028


 63.5034, 0.3744,
0.4526


 13.6361, 0.3965,
0.5280

 84.5908, 0.3699,
0.4414


 7.8680, 0.4012,
0.5614


 109.8954, 0.3659,
0.4319

 4.0106, 0.3983,
0.6017

 139.8014, 0.3624,
0.4239

 1.6795, 0.3671,
0.6329

 174.6932, 0.3592,
0.4170

 0.4103, 0.0000,
1.0000

 214.9553, 0.3564,

 0.0000, 0.0000,

0.4110

0.0000

260.9720, 0.3540,
0.4058

■ 32.4420, 0.3851,
0.4825

■ 32.4420, 0.3851,
0.4825

■ 32.1016, 0.3912,
0.4993

■ 32.8411, 0.3768,
0.4622

■ 31.8105, 0.3948,
0.5119

■ 33.2988, 0.3666,
0.4391

■ 31.5638, 0.3959,
0.5201

■ 33.8207, 0.3552,
0.4144

■ 31.4320, 0.3960,
0.5238

■ 34.4103, 0.3429,
0.3889

■ 35.0710, 0.3303,
0.3636

■ 35.8058, 0.3178,
0.3390

■ 36.6177, 0.3057,
0.3156

■ 37.5094, 0.2942,
0.2937

■ 38.4834, 0.2834,
0.2735

Harmonies

Analogous

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



32.4420, 0.4505, 0.4405



32.4420, 0.3851, 0.4825



32.4420, 0.3050, 0.4752

Triad

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



32.4420, 0.3851, 0.4825



32.4420, 0.1684, 0.2425



32.4420, 0.3893, 0.2652

Complementary

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



32.4420, 0.3851, 0.4825



7.0170, 0.2033, 0.1331

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.



32.4420, 0.3013, 0.2241



32.4420, 0.3851, 0.4825



32.4420, 0.1836, 0.2082

Square

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



32.4420, 0.3851, 0.4825



32.4420, 0.1836, 0.3117



32.4420, 0.2283, 0.2036



32.4420, 0.4594, 0.3200

Rectangle

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



32.4420, 0.3851, 0.4825



32.4420, 0.2538, 0.4336



32.4420, 0.2283, 0.2036



32.4420, 0.3600, 0.2495

Sweetspot

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



32.4435, 0.3851, 0.4825



63.0225, 0.3368, 0.3766



12.6080, 0.4983, 0.3495



14.0821, 0.3403, 0.3836



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



32.4435, 0.3851, 0.4825



58.0327, 0.3930, 0.5052



28.6453, 0.3324, 0.5140



8.1886, 0.3242, 0.3514



24.7726, 0.3962, 0.5236



0.5331, 0.4051, 0.5165

Inverse Universe

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



7.0170, 0.2033, 0.1331



8.2334, 0.1791, 0.0951



9.9132, 0.2656, 0.1612



6.9037, 0.3007, 0.3059



2.2000, 0.1562, 0.0634



0.0587, 0.1801, 0.0766

Previews

White Background



This preview shows how the Yxy color 32.4420, 0.3851, 0.4825 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.4420, 0.3851, 0.4825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

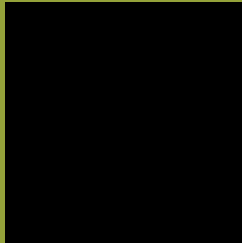
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4420, 0.3851, 0.4825

Background



This preview shows how black text looks on a background with the Yxy color 32.4420, 0.3851, 0.4825.



This preview shows how white text looks on a background with the Yxy color 32.4420, 0.3851, 0.4825.

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

32.4420, 0.3851, 0.4825

Protanopia

32.1674, 0.4192, 0.4605

Deuteranopia

32.4328, 0.4426, 0.4340



Tritanopia

32.5077, 0.3086, 0.3113

Trichromacy



Original Color

32.4420, 0.3851, 0.4825

Protanomaly

32.1959, 0.4060, 0.4686

Deuteranomaly

32.0235, 0.4221, 0.4509

Tritanomaly

32.2262, 0.3408, 0.3773

Monochromacy



Original Color

32.4420, 0.3851, 0.4825

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.8744, 0.3439, 0.3907

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4420, 0.3851, 0.4825 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(148, 162, 58)` looks like.

```
.text, #text, p{  
    color:rgb(148, 162, 58)  
}
```

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(148, 162, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 162, 58) }
```

Border

The CSS property to change the border of an element to Yxy 32.4420, 0.3851, 0.4825 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(148, 162, 58) }
```

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

```
.border{ border-color:rgb(148, 162, 58) }
```

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

Here you see how a box with a 4 pixel rgb(148, 162, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 162, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 162, 58);  
box-shadow:4px 4px 4px 4px rgb(148, 162,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4420, 0.3851, 0.4825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 162, 58) }
```

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

```
.background{ background-color: rgb(148,  
162, 58) }
```

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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