

Converting Colors

$Yxy(32.3698, 0.3890, 0.5105)$

Have a look what the booklet for
Yxy(32.3698, 0.3890, 0.5105)
contains.

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Color

Yxy(32.4115, 0.3890, 0.5103)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8EA421 |
| RGB | 142, 164, 33 |
| RGB Percent | 56%, 64%, 13% |
| CMY | 0.4431, 0.3569, 0.8704 |
| CMYK | 0.13, 0.00, 0.80, 0.36 |
| HSL | 70°, 66%, 39% |
| HSV | 70°, 80%, 64% |
| XYZ | 24.7072, 32.4115, 6.3959 |
| YIQ | 142.4880, 28.9390, -45.4050 |

Conversions

Conversions Part 2

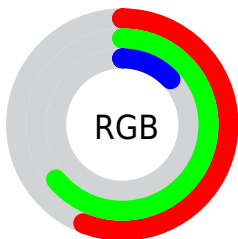
| Format | Color |
|-------------------------------------|---|
| RYB | 33, 164, 55 |
| Decimal | 9348129 |
| CIELab | 63.68, -24.35, 59.64 |
| CIELCh | 64, 64.416, 112.212 |
| Yxy | 32.4115, 0.3890, 0.5103 |
| Android (android.graphics.Color) | 4287538209 (0xFF8EA421) |
| YUV | 142.4880, -53.9776, -0.4280 |
| Hunter-Lab | 56.9311, -22.1633, 33.1908 |

Details

The Yxy color **32.4115, 0.3890, 0.5103** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.5842, 0.1803, 0.0937**, and the grayscale version is **27.4673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5433, 0.3799, 0.4758**, and **13.6146, 0.3820, 0.5349** is the 20% darker color. If you saturate the color by 10%, you get **32.1016, 0.3906, 0.5210**, and if you desaturate by 10%, it is **32.7751, 0.3849, 0.4952**.

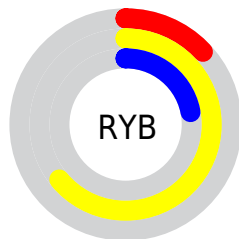
Distribution



Red (56%)

Green (64%)

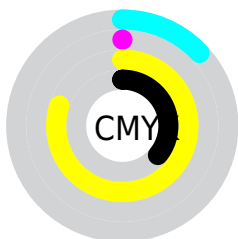
Blue (13%)



Red (13%)

Yellow (64%)

Blue (22%)

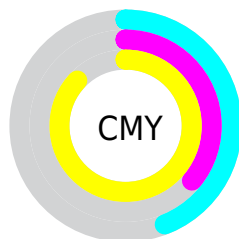


Cyan (13%)

Magenta (0%)

Yellow (80%)

Black (36%)



Cyan (44%)


Magenta (36%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4115, 0.3890, 0.5103 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 32.4115, 0.3890, 0.5103 by changing the saturation by 10% instead.


 32.4115, 0.3890,
0.5103


 32.4115, 0.3890,
0.5103


312.9895, 0.3566,
0.4153


 21.6760, 0.3930,
0.5329


 63.4556, 0.3797,
0.4760


 13.6190, 0.3949,
0.5598


 84.5331, 0.3754,
0.4629


 7.8562, 0.3982,
0.6018


 109.8266, 0.3714,
0.4518

 4.0031, 0.3748,
0.6252

 139.7206, 0.3678,
0.4423

 1.6753, 0.3353,
0.6647

 174.5995, 0.3646,
0.4341

 0.4076, 0.0000,
1.0000

 214.8477, 0.3616,

 0.0000, 0.0000,

0.4270

0.0000

260.8496, 0.3590,
0.4208

■ 32.4115, 0.3890,
0.5103

■ 32.4115, 0.3890,
0.5103

■ 32.1016, 0.3906,
0.5210

■ 32.7751, 0.3849,
0.4952

■ 31.8281, 0.3902,
0.5283

■ 33.1939, 0.3784,
0.4761

■ 31.8241, 0.3902,
0.5284

■ 33.6741, 0.3698,
0.4539

■ 34.2202, 0.3596,
0.4294

■ 34.8362, 0.3483,
0.4039

■ 35.5256, 0.3364,
0.3781

■ 36.2917, 0.3244,
0.3528

■ 37.1376, 0.3125,
0.3286

■ 38.0664, 0.3011,
0.3059

Harmonies

Analogous

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



32.4115, 0.4675, 0.4562



32.4115, 0.3890, 0.5103



32.4115, 0.2964, 0.5047

Triad

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



32.4115, 0.3890, 0.5103



32.4115, 0.1477, 0.2241



32.4115, 0.4069, 0.2568

Complementary

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



32.4115, 0.3890, 0.5103



4.5842, 0.1803, 0.0937

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.



32.4115, 0.3022, 0.2100



32.4115, 0.3890, 0.5103



32.4115, 0.1660, 0.1887

Square

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



32.4115, 0.3890, 0.5103



32.4115, 0.1619, 0.3019



32.4115, 0.2170, 0.1859



32.4115, 0.4889, 0.3182

Rectangle

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



32.4115, 0.3890, 0.5103



32.4115, 0.2382, 0.4522



32.4115, 0.2170, 0.1859



32.4115, 0.3720, 0.2391

Sweetspot

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



32.4130, 0.3890, 0.5103



63.8913, 0.3419, 0.3899



10.7232, 0.5595, 0.3540



13.8767, 0.3459, 0.3987



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.



32.4130, 0.3890, 0.5103



57.8768, 0.3902, 0.5265



28.2266, 0.3263, 0.5553



8.1768, 0.3237, 0.3514



24.4187, 0.3905, 0.5281



0.5281, 0.4017, 0.5193

Inverse Universe

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



4.5842, 0.1803, 0.0937



5.5670, 0.1598, 0.0671



7.7890, 0.2564, 0.1328



6.9145, 0.3012, 0.3060



2.2544, 0.1585, 0.0647



0.0625, 0.1869, 0.0803

Previews

White Background



This preview shows how the Yxy color 32.4115, 0.3890, 0.5103 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 32.4115, 0.3890, 0.5103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

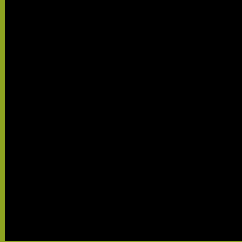
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4115, 0.3890, 0.5103

Background



This preview shows how black text looks on a background with the Yxy color 32.4115, 0.3890, 0.5103.



This preview shows how white text looks on a background with the Yxy color 32.4115, 0.3890, 0.5103.

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

32.4115, 0.3890, 0.5103

Protanopia

32.0944, 0.4328, 0.4784

Deuteranopia

32.0624, 0.4578, 0.4490



Tritanopia

32.3691, 0.3028, 0.3111

Trichromacy



Original Color

32.4115, 0.3890, 0.5103

Protanomaly

32.2394, 0.4164, 0.4902

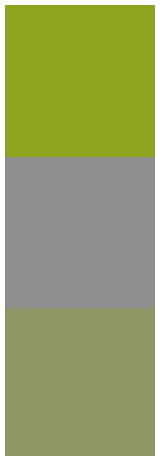
Deuteranomaly

31.9276, 0.4316, 0.4717

Tritanomaly

31.8823, 0.3427, 0.3924

Monochromacy



Original Color

32.4115, 0.3890, 0.5103

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

28.5228, 0.3506, 0.4088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4115, 0.3890, 0.5103 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(142, 164, 33)` looks like.

```
.text, #text, p{  
    color:rgb(142, 164, 33)  
}
```

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(142, 164, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 164, 33) }
```

Border

The CSS property to change the border of an element to Yxy 32.4115, 0.3890, 0.5103 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(142, 164, 33) }
```

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

```
.border{ border-color:rgb(142, 164, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 164, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 164, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 164, 33);  
box-shadow:4px 4px 4px 4px rgb(142, 164,  
33) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4115, 0.3890, 0.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 164, 33) }
```

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

```
.background{ background-color: rgb(142,  
164, 33) }
```

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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