

Converting Colors

$Y_{xy}(14.3219, 0.4936, 0.4372)$

Have a look what the booklet for
Yxy(14.3219, 0.4936, 0.4372)
contains.

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Color

Yxy(14.2350, 0.4942, 0.4369)

Conversions

Conversions Part 1

Format	Color
Hex	935E0C
RGB	147, 94, 12
RGB Percent	58%, 37%, 5%
CMY	0.4235, 0.6314, 0.9532
CMYK	0.00, 0.36, 0.92, 0.42
HSL	36°, 85%, 31%
HSV	36°, 92%, 58%
XYZ	16.1019, 14.2350, 2.2449
YIQ	100.4990, 57.9100, -14.2660

Conversions

Conversions Part 2

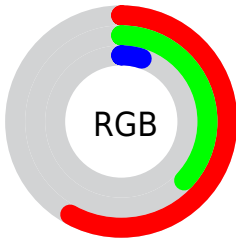
Format	Color
RYB	99, 147, 12
Decimal	9657868
CIELab	44.57, 15.59, 49.59
CIElCh	45, 51.980, 72.544
Yxy	14.2350, 0.4942, 0.4369
Android (android.graphics.Color)	4287847948 (0xFF935E0C)
YUV	100.4990, -43.6300, 40.7814
Hunter-Lab	37.7293, 10.1531, 22.8828

Details

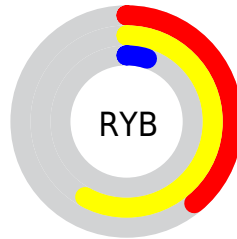
The Yxy color **14.2350, 0.4942, 0.4369** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.9588, 0.1755, 0.1431**, and the grayscale version is **12.9802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4617, 0.4576, 0.4206**, and **4.3381, 0.5233, 0.4227** is the 20% darker color. If you saturate the color by 10%, you get **13.4008, 0.5076, 0.4352**, and if you desaturate by 10%, it is **15.3515, 0.4761, 0.4360**.

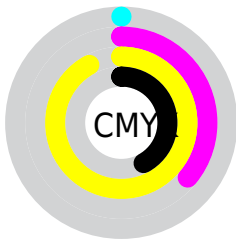
Distribution



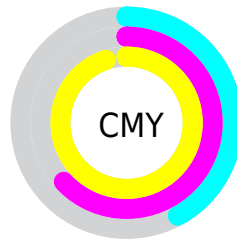
- Red (58%)
- Green (37%)
- Blue (5%)



- Red (39%)
- Yellow (58%)
- Blue (5%)



- Cyan (0%)
- Magenta (36%)
- Yellow (92%)
- Black (42%)




- Cyan (42%)
- Magenta (63%)
- Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2350, 0.4942, 0.4369 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 14.2350, 0.4942, 0.4369 by changing the saturation by 10% instead.


 14.2350, 0.4942,
0.4369


 14.2350, 0.4942,
0.4369


218.6879, 0.3930,
0.3850


 8.2843, 0.5188,
0.4437


 33.5054, 0.4568,
0.4213


 4.2774, 0.5512,
0.4488

 47.5939, 0.4426,
0.4141

 1.8299, 0.5707,
0.4293

 65.1638, 0.4308,
0.4076

 0.5057, 0.6301,
0.3699


 86.5995, 0.4208,
0.4020


 0.0000, 0.0000,
0.0000


 112.2853, 0.4123,
0.3969


 142.6058, 0.4049,


0.3925


 177.9452, 0.3986,
0.3885


 14.2350, 0.4942,
0.4369


 14.2350, 0.4942,
0.4369


 13.4008, 0.5076,
0.4352

 15.3515, 0.4761,
0.4360

 16.5795, 0.4554,
0.4303

 17.9259, 0.4332,
0.4205

 19.3959, 0.4107,
0.4078

 20.9944, 0.3887,
0.3932

■ 22.7258, 0.3679,
0.3776

■ 24.5944, 0.3487,
0.3619

■ 26.6040, 0.3312,
0.3464

■ 28.7584, 0.3155,
0.3317

Harmonies

Analogous

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



14.2350, 0.5209, 0.3635



14.2350, 0.4942, 0.4369



14.2350, 0.4203, 0.5050

Triad

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



14.2350, 0.4942, 0.4369



14.2350, 0.1669, 0.3357



14.2350, 0.2686, 0.1935

Complementary

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



14.2350, 0.4942, 0.4369



5.9588, 0.1755, 0.1431

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.



14.2350, 0.1910, 0.1770



14.2350, 0.4942, 0.4369



14.2350, 0.1409, 0.2386

Square

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



14.2350, 0.4942, 0.4369



14.2350, 0.2322, 0.4597



14.2350, 0.1496, 0.1893



14.2350, 0.3764, 0.2350

Rectangle

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



14.2350, 0.4942, 0.4369



14.2350, 0.3581, 0.5292



14.2350, 0.1496, 0.1893



14.2350, 0.2386, 0.1850

Sweetspot

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



14.2357, 0.4942, 0.4369



41.7730, 0.3614, 0.3724



6.8580, 0.5099, 0.2660



9.2417, 0.3692, 0.3787



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.



14.2357, 0.4942, 0.4369



23.6454, 0.5098, 0.4334



25.9221, 0.4014, 0.5138



6.3664, 0.3268, 0.3424



11.6662, 0.5070, 0.4357



0.2004, 0.4601, 0.4729

Inverse Universe

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



5.9588, 0.1755, 0.1431



8.8117, 0.1677, 0.1236



2.5808, 0.1605, 0.0713



5.9840, 0.2989, 0.3152



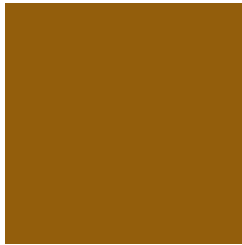
4.4681, 0.1690, 0.1283



0.1092, 0.1920, 0.2112

Previews

White Background



This preview shows how the Yxy color 14.2350, 0.4942, 0.4369 looks on a white background.

Color Contrast Check

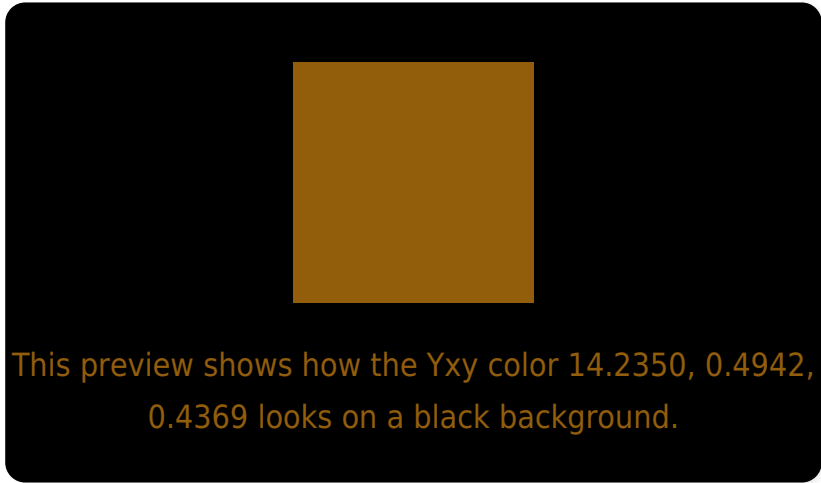
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Yxy 14.2350, 0.4942, 0.4369

Background



This preview shows how black text looks on a background with the Yxy color 14.2350, 0.4942, 0.4369.



This preview shows how white text looks on a background with the Yxy color 14.2350, 0.4942, 0.4369.

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

14.2350, 0.4942, 0.4369

Protanopia

14.2674, 0.4330, 0.4806

Deuteranopia

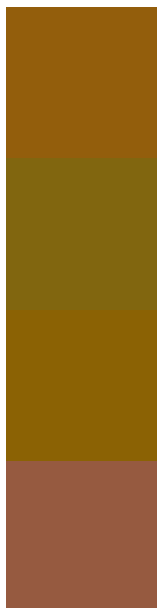
14.1827, 0.4710, 0.4642



Tritanopia

14.2039, 0.4063, 0.3173

Trichromacy



Original Color

14.2350, 0.4942, 0.4369

Protanomaly

14.2044, 0.4546, 0.4649

Deuteranomaly

14.2331, 0.4798, 0.4542

Tritanomaly

14.1665, 0.4515, 0.3727

Monochromacy



Original Color

14.2350, 0.4942, 0.4369

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.9346, 0.3866, 0.3923

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2350, 0.4942, 0.4369 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(147, 94, 12)` looks like.

```
.text, #text, p{  
    color:rgb(147, 94, 12)  
}
```

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(147, 94, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 94, 12) }
```

Border

The CSS property to change the border of an element to Yxy 14.2350, 0.4942, 0.4369 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(147, 94, 12) }
```

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

```
.border{ border-color:rgb(147, 94, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 94, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 94, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 94, 12);  
box-shadow:4px 4px 4px 4px rgb(147, 94,  
12) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2350, 0.4942, 0.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 94, 12) }
```

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

```
.background{ background-color: rgb(147, 94,  
12) }
```

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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