

Converting Colors

Yxy(31.5148, 0.3936, 0.5093)

Have a look what the booklet for
Yxy(31.5148, 0.3936, 0.5093)
contains.

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Color

Yxy(31.4231, 0.3937, 0.5089)

Conversions

Conversions Part 1

Format	Color
Hex	8FA11E
RGB	143, 161, 30
RGB Percent	56%, 63%, 12%
CMY	0.4391, 0.3686, 0.8822
CMYK	0.11, 0.00, 0.81, 0.37
HSL	68°, 69%, 37%
HSV	68°, 81%, 63%
XYZ	24.3098, 31.4231, 6.0142
YIQ	140.6840, 31.3230, -44.5570

Conversions

Conversions Part 2

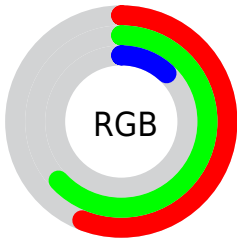
Format	Color
RYB	30, 161, 48
Decimal	9412894
CIELab	62.86, -22.54, 59.80
CIELCh	63, 63.912, 110.655
Yxy	31.4231, 0.3937, 0.5089
Android (android.graphics.Color)	4287602974 (0xFF8FA11E)
YUV	140.6840, -54.5672, 2.0311
Hunter-Lab	56.0563, -20.6888, 32.8783

Details

The Yxy color **31.4231, 0.3937, 0.5089** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.1321, 0.1752, 0.0892**, and the grayscale version is **26.7176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0792, 0.3838, 0.4756**, and **13.2266, 0.3860, 0.5317** is the 20% darker color. If you saturate the color by 10%, you get **31.1668, 0.3955, 0.5184**, and if you desaturate by 10%, it is **31.7282, 0.3894, 0.4950**.

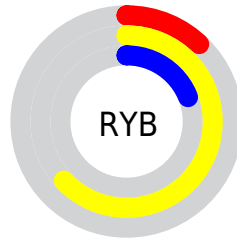
Distribution



Red (56%)

Green (63%)

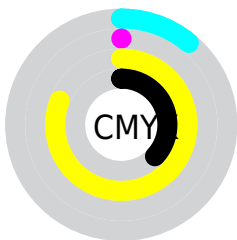
Blue (12%)



Red (12%)

Yellow (63%)

Blue (19%)

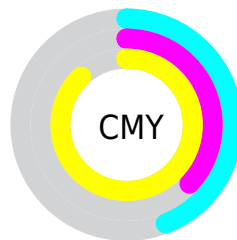


Cyan (11%)

Magenta (0%)

Yellow (81%)

Black (37%)



Cyan (44%)


Magenta (37%)

Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4231, 0.3937, 0.5089 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 31.4231, 0.3937, 0.5089 by changing the saturation by 10% instead.

 31.4231, 0.3937,
0.5089


 31.4231, 0.3937,
0.5089


 308.4828, 0.3587,
0.4147


 20.9212, 0.3983,
0.5311


 61.9056, 0.3835,
0.4750


 13.0664, 0.4007,
0.5573


 82.6550, 0.3788,
0.4620

 7.4743, 0.4036,
0.5964


 107.5891, 0.3746,
0.4510

 3.7605, 0.3812,
0.6188

 137.0922, 0.3707,
0.4416

 1.5405, 0.3427,
0.6573

 171.5487, 0.3672,
0.4335

 0.3170, 0.0000,
1.0000

 211.3431, 0.3641,

 0.0000, 0.0000,

0.4264

0.0000

256.8596, 0.3612,
0.4202

■ 31.4231, 0.3937,
0.5089

■ 31.4231, 0.3937,
0.5089

■ 31.1668, 0.3955,
0.5184

■ 31.7282, 0.3894,
0.4950

■ 30.9693, 0.3956,
0.5241

■ 32.0834, 0.3827,
0.4771

■ 32.4950, 0.3738,
0.4559

■ 32.9671, 0.3633,
0.4322

■ 33.5036, 0.3516,
0.4072

■ 34.1079, 0.3392,
0.3817

■ 34.7833, 0.3267,
0.3565

■ 35.5326, 0.3143,
0.3322

■ 36.3589, 0.3024,
0.3092

Harmonies

Analogous

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



31.4231, 0.4711, 0.4529



31.4231, 0.3937, 0.5089



31.4231, 0.3011, 0.5076

Triad

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



31.4231, 0.3937, 0.5089



31.4231, 0.1473, 0.2268



31.4231, 0.4018, 0.2537

Complementary

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



31.4231, 0.3937, 0.5089



4.1321, 0.1752, 0.0892

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.



31.4231, 0.2970, 0.2079



31.4231, 0.3937, 0.5089



31.4231, 0.1640, 0.1894

Square

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



31.4231, 0.3937, 0.5089



31.4231, 0.1633, 0.3070



31.4231, 0.2133, 0.1851



31.4231, 0.4864, 0.3147

Rectangle

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



31.4231, 0.3937, 0.5089



31.4231, 0.2422, 0.4578



31.4231, 0.2133, 0.1851



31.4231, 0.3666, 0.2363

Sweetspot

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



31.4245, 0.3937, 0.5089



60.7363, 0.3431, 0.3896



9.7437, 0.5707, 0.3482



13.2407, 0.3473, 0.3982



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



31.4245, 0.3937, 0.5089



55.4793, 0.3953, 0.5234



27.2051, 0.3293, 0.5556



8.1878, 0.3241, 0.3514



24.7478, 0.3958, 0.5239



0.5327, 0.4049, 0.5167

Inverse Universe

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



4.1321, 0.1752, 0.0892



5.0113, 0.1563, 0.0643



7.0127, 0.2489, 0.1273



6.9044, 0.3007, 0.3059



2.2034, 0.1564, 0.0635



0.0590, 0.1806, 0.0769

Previews

White Background



This preview shows how the Yxy color 31.4231, 0.3937, 0.5089 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 31.4231, 0.3937, 0.5089 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 31.4231, 0.3937, 0.5089

Background



This preview shows how black text looks on a background with the Yxy color 31.4231, 0.3937, 0.5089.



This preview shows how white text looks on a background with the Yxy color 31.4231, 0.3937, 0.5089.

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

31.4231, 0.3937, 0.5089

Protanopia

31.1982, 0.4339, 0.4795

Deuteranopia

31.1694, 0.4596, 0.4501



Tritanopia

31.3899, 0.3066, 0.3110

Trichromacy



Original Color

31.4231, 0.3937, 0.5089

Protanomaly

31.1085, 0.4195, 0.4898

Deuteranomaly

30.9387, 0.4362, 0.4706

Tritanomaly

30.9054, 0.3476, 0.3927

Monochromacy



Original Color

31.4231, 0.3937, 0.5089

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.8702, 0.3523, 0.4075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4231, 0.3937, 0.5089 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(143, 161, 30)` looks like.

```
.text, #text, p{  
    color:rgb(143, 161, 30)  
}
```

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(143, 161, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 161, 30) }
```

Border

The CSS property to change the border of an element to Yxy 31.4231, 0.3937, 0.5089 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(143, 161, 30) }
```

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

```
.border{ border-color:rgb(143, 161, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 161, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 161, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 161, 30);  
box-shadow:4px 4px 4px 4px rgb(143, 161,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4231, 0.3937, 0.5089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 161, 30) }
```

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

```
.background{ background-color: rgb(143,  
161, 30) }
```

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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