

Converting Colors

YUV(80.8850, -38.8903,
60.6139)

Have a look what the booklet for
YUV(80.8850, -38.8903, 60.6139)
contains.

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Color

**YUV(80.8850, -38.8903,
60.6139)**

Conversions

Conversions Part 1

Format	Color
Hex	963D02
RGB	150, 61, 2
RGB Percent	59%, 24%, 1%
CMY	0.4118, 0.7608, 0.9922
CMYK	0.00, 0.59, 0.99, 0.41
HSL	24°, 97%, 30%
HSV	24°, 99%, 59%
XYZ	14.2574, 9.8259, 1.2026
YIQ	80.8850, 71.9830, 0.5190

Conversions

Conversions Part 2

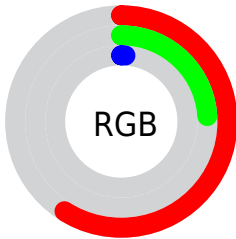
Format	Color
R_{YB}	150, 100, 2
Decimal	9846018
CIE _{Lab}	37.53, 34.94, 47.75
CIE _{LCh}	38, 59.169, 53.805
Yxy	9.8259, 0.5638, 0.3886
Android (android.graphics.Color)	4288036098 (0xFF963D02)
YUV	80.8850, -38.8903, 60.6139
Hunter-Lab	31.3463, 26.3320, 19.6678

Details

The YUV color **80.8850, -38.8903, 60.6139** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **71.1150, 38.8903, -60.6139**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4020, -39.6382, 67.1764**, and **32.4920, -16.0186, 51.3115** is the 20% darker color. If you saturate the color by 10%, you get **80.0700, -39.4745, 61.3286**, and if you desaturate by 10%, it is **87.8780, -34.9429, 54.4810**.

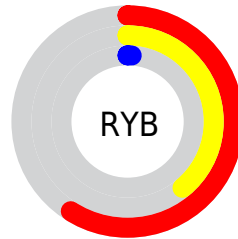
Distribution



Red (59%)

Green (24%)

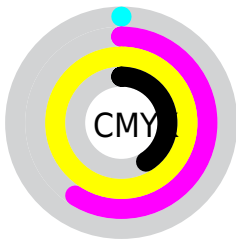
Blue (1%)



Red (59%)

Yellow (39%)

Blue (1%)

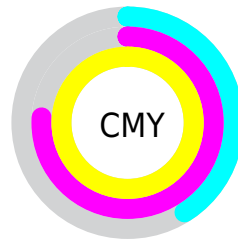


Cyan (0%)

Magenta (59%)

Yellow (99%)

Black (41%)



Cyan (41%)


Magenta (76%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 80.8850, -38.8903, 60.6139 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 YUV color 80.8850, -38.8903, 60.6139 by changing the saturation by 10% instead.


 80.8850, -38.8903,
60.6139


 80.8850, -38.8903,
60.6139


 253.4040, -6.1152,
1.3997

 57.3110, -28.2543,
55.8553


 134.4020,
-39.6382, 67.1764

 32.4920, -16.0186,
51.3115

 161.7830,
-40.8120, 70.3503


 18.8370, -9.2866,
38.7310

 184.3690,
-39.6219, 61.9434

 11.4760, -5.1647,
23.2615

 203.7690,
-36.3681, 44.9296

 0.0000, 0.0000,
0.0000

 223.2830,
-32.6775, 27.8158

 243.3840,

-29.2763, 10.1872

■ 250.0980,
-18.7823, 4.2991

■ 80.8850, -38.8903,
60.6139

■ 80.8850, -38.8903,
60.6139

■ 80.0700, -39.4745,
61.3286

■ 87.8780, -34.9429,
54.4810

■ 94.8710, -30.9954,
48.3481

■ 101.8640,
-27.0480, 42.2153

■ 108.8570,
-23.1005, 36.0824

■ 115.8500,
-19.1531, 29.9495

■ 122.8430,
-15.2056, 23.8167

■ 129.8360,
-11.2581, 17.6838

■ 136.8290, -7.3107,
11.5510

■ 143.8220, -3.3632,
5.4181

Harmonies

Analogous

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



76.5310, -11.6008, 81.0953



80.8850, -38.8903, 60.6139



83.4050, -41.1187, 28.5858

Triad

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



80.8850, -38.8903, 60.6139



72.1740, 2.3792, -63.2966



84.4800, 45.6124, -23.2230

Complementary

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



80.8850, -38.8903, 60.6139



71.1150, 38.8903, -60.6139

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.



77.9150, 52.2999, -68.3315



80.8850, -38.8903, 60.6139



78.3470, 23.4929, -68.7103

Square

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



80.8850, -38.8903, 60.6139



64.4850, -19.4661, -56.5533



81.0320, 41.3962, -71.0651



88.7070, 28.2454, 40.5990

Rectangle

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



80.8850, -38.8903, 60.6139



80.9030, -39.8852, 6.2241



81.0320, 41.3962, -71.0651



71.8170, 54.3202, -62.9835

Sweetspot

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



80.8850, -38.8903, 60.6139



166.8430, -15.2056, 23.8167



56.6260, 17.9324, 81.8890



80.6830, -9.2107, 14.3100



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



80.8850, -38.8903, 60.6139



103.2050, -50.8801, 79.6272



123.1490, -59.7265, 23.5483



70.8540, -1.9000, 2.7590



73.5470, -36.2587, 56.5253



5.3380, -2.6316, 4.0886

Inverse Universe

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



71.1150, 38.8903, -60.6139



90.7950, 50.8801, -79.6272



28.8510, 59.7265, -23.5483



70.1460, 1.9000, -2.7590



64.4530, 36.2587, -56.5253



4.6620, 2.6316, -4.0886

Previews

White Background



This preview shows how the YUV color 80.8850, -38.8903, 60.6139 looks on a white background.

Color Contrast Check

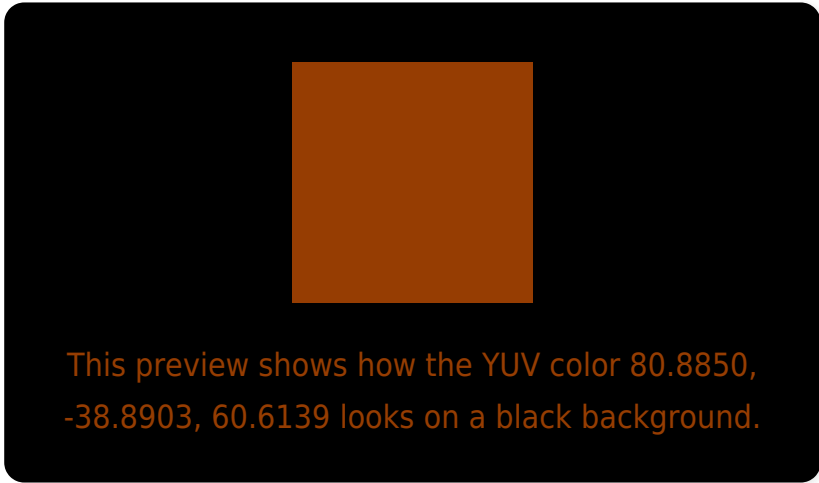
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YUV 80.8850, -38.8903, 60.6139

Background



This preview shows how black text looks on a background with the YUV color 80.8850, -38.8903, 60.6139.



This preview shows how white text looks on a background with the YUV color 80.8850, -38.8903,

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

80.8850, -38.8903, 60.6139

Protanopia

84.7390, -34.3813, 14.2609

Deuteranopia

83.6820, -41.2552, 25.7119



Tritanopia

85.4480, -12.5459, 57.4891

Trichromacy



Original Color

80.8850, -38.8903, 60.6139

Protanomaly

83.0940, -36.0353, 31.4896

Deuteranomaly

82.4000, -40.1302, 38.2372

Tritanomaly

83.6410, -22.0080, 59.0738

Monochromacy



Original Color

80.8850, -38.8903, 60.6139

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0600, -14.3266, 21.8724

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8850, -38.8903, 60.6139 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(150, 61, 2)` looks like.

```
.text, #text, p{  
    color:rgb(150, 61, 2)  
}
```

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(150, 61, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 61, 2) }
```

Border

The CSS property to change the border of an element to YUV 80.8850, -38.8903, 60.6139 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(150, 61, 2) }
```


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

```
.border{ border-color:rgb(150, 61, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 61, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 61, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 61, 2);  
box-shadow:4px 4px 4px 4px rgb(150, 61, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.8850, -38.8903, 60.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 61, 2) }
```

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

```
.background{ background-color: rgb(150, 61,  
2) }
```

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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