

Converting Colors

YUV(80.0470, -37.9842,
49.9478)

Have a look what the booklet for
YUV(80.0470, -37.9842, 49.9478)
contains.

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Color

**YUV(80.0470, -37.9842,
49.9478)**

Conversions

Conversions Part 1

Format	Color
Hex	894203
RGB	137, 66, 3
RGB Percent	54%, 26%, 1%
CMY	0.4627, 0.7412, 0.9882
CMYK	0.00, 0.52, 0.98, 0.46
HSL	28°, 96%, 27%
HSV	28°, 98%, 54%
XYZ	12.2812, 9.2214, 1.2188
YIQ	80.0470, 62.5390, -4.5410

Conversions

Conversions Part 2

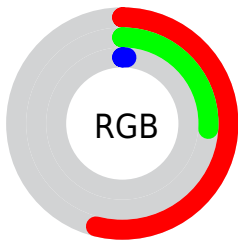
Format	Color
R_{YB}	137, 122, 3
Decimal	8995331
CIE Lab	36.41, 26.88, 45.62
CIE LCh	36, 52.951, 59.488
Yxy	9.2214, 0.5405, 0.4058
Android (android.graphics.Color)	4287185411 (0xFF894203)
YUV	80.0470, -37.9842, 49.9478
Hunter-Lab	30.3667, 19.0488, 18.8771

Details

The YUV color **80.0470, -37.9842, 49.9478** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **59.9530, 37.9842, -49.9478**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.3790, -38.1478, 55.7956**, and **35.6600, -17.5804, 38.8862** is the 20% darker color. If you saturate the color by 10%, you get **78.5310, -38.7158, 51.2773**, and if you desaturate by 10%, it is **85.7520, -33.8947, 44.9445**.

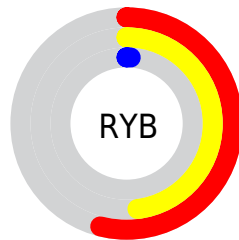
Distribution



Red (54%)

Green (26%)

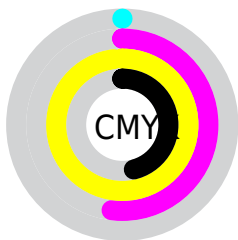
Blue (1%)



Red (54%)

Yellow (48%)

Blue (1%)

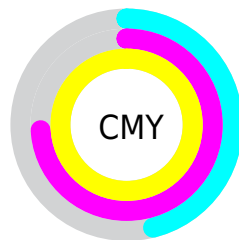


Cyan (0%)

Magenta (52%)

Yellow (98%)

Black (46%)



Cyan (46%)


Magenta (74%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.0470, -37.9842, 49.9478 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 80.0470, -37.9842, 49.9478 by changing the saturation by 10% instead.


 80.0470, -37.9842,
49.9478

 80.0470, -37.9842,
49.9478


 253.4040, -6.1152,
1.3997


 57.8320, -28.5112,
44.8743


 132.3790,
-38.1478, 55.7956

 35.6600, -17.5804,
38.8862

 159.4610,
-39.1743, 58.3547

 15.8470, -7.8126,
32.5832

 186.8310,
-40.3427, 59.7842

 7.2900, -3.1010,
14.6547

 205.6440,
-36.7995, 43.2852

 0.0000, 0.0000,
0.0000

 225.0440,
-33.5457, 26.2714

 245.2590,

-29.7077, 8.5429

■ 250.2120,
-18.3455, 4.1991

■ 80.0470, -37.9842,
49.9478

■ 80.0470, -37.9842,
49.9478

■ 78.5310, -38.7158,
51.2773

■ 85.7520, -33.8947,
44.9445

■ 91.9300, -30.5315,
39.5264

■ 97.6350, -26.4421,
34.5231

■ 103.3400,
-22.3526, 29.5198

■ 108.9310,
-18.7000, 24.6165

■ 115.2230,
-14.8999, 19.0984

■ 120.9280,
-10.8105, 14.0951

■ 126.6330, -6.7211,
9.0919

■ 132.2240, -3.0684,
4.1886

Harmonies

Analogous

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



78.7160, -15.6360, 68.6551



80.0470, -37.9842, 49.9478



80.7030, -39.7866, 21.3085

Triad

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



80.0470, -37.9842, 49.9478



70.6240, 6.5944, -61.9372



86.1850, 36.3908, -5.4242

Complementary

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



80.0470, -37.9842, 49.9478



59.9530, 37.9842, -49.9478

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.



72.9110, 48.3579, -63.9429



80.0470, -37.9842, 49.9478



75.5260, 25.3767, -66.2363

Square

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



80.0470, -37.9842, 49.9478



63.7330, -12.1934, -55.8938



77.4130, 40.2224, -67.8912



85.7090, 21.8355, 43.2282

Rectangle

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



80.0470, -37.9842, 49.9478



77.3260, -38.1217, 0.5911



77.4130, 40.2224, -67.8912



80.3390, 42.7239, -30.1153

Sweetspot

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



80.0470, -37.9842, 49.9478



156.6360, -14.6105, 19.6132



51.1600, 11.2601, 75.2817



76.0740, -8.9105, 11.3361



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



80.0470, -37.9842, 49.9478



102.8290, -50.6947, 66.8020



119.3760, -57.3734, 15.4562



65.8540, -1.9000, 2.7590



76.1610, -37.5474, 49.8478



2.6690, -1.3158, 2.0443

Inverse Universe

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



59.9530, 37.9842, -49.9478



76.1710, 50.6947, -66.8020



20.6240, 57.3734, -15.4562



65.1460, 1.9000, -2.7590



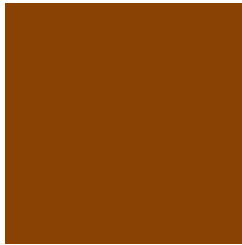
56.2520, 37.8368, -49.3330



2.3310, 1.3158, -2.0443

Previews

White Background



This preview shows how the YUV color 80.0470, -37.9842, 49.9478 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



This preview shows how the YUV color 80.0470, -37.9842, 49.9478 looks on a 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 80.0470, -37.9842, 49.9478

Background



This preview shows how black text looks on a background with the YUV color 80.0470, -37.9842, 49.9478.



This preview shows how white text looks on a background with the YUV color 80.0470, -37.9842,

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

80.0470, -37.9842, 49.9478

Protanopia

81.5540, -33.7971, 13.5461

Deuteranopia

80.7250, -39.7974, 24.7972



Tritanopia

84.8920, -9.3138, 47.4527

Trichromacy



Original Color

80.0470, -37.9842, 49.9478

Protanomaly

80.8870, -35.4403, 27.2861

Deuteranomaly

80.3070, -39.0984, 33.9338

Tritanomaly

83.1450, -19.7915, 48.1078

Monochromacy



Original Color

80.0470, -37.9842, 49.9478

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1520, -13.8789, 18.2837

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0470, -37.9842, 49.9478 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(137, 66, 3)` looks like.

```
.text, #text, p{  
    color:rgb(137, 66, 3)  
}
```

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(137, 66, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 66, 3) }
```

Border

The CSS property to change the border of an element to YUV 80.0470, -37.9842, 49.9478 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(137, 66, 3) }
```


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

```
.border{ border-color:rgb(137, 66, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 66, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 66, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 66, 3);  
box-shadow:4px 4px 4px 4px rgb(137, 66, 3)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.0470, -37.9842, 49.9478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 66, 3) }
```

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

```
.background{ background-color: rgb(137, 66,  
3) }
```

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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