

Converting Colors

YUV(84.0030, -37.9625,
42.9704)

Have a look what the booklet for
YUV(84.0030, -37.9625, 42.9704)
contains.

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Color

**YUV(84.0030, -37.9625,
42.9704)**

Conversions

Conversions Part 1

Format	Color
Hex	854A07
RGB	133, 74, 7
RGB Percent	52%, 29%, 3%
CMY	0.4784, 0.7098, 0.9725
CMYK	0.00, 0.44, 0.95, 0.48
HSL	32°, 90%, 27%
HSV	32°, 95%, 52%
XYZ	12.1600, 9.8994, 1.4709
YIQ	84.0030, 56.6710, -8.3290

Conversions

Conversions Part 2

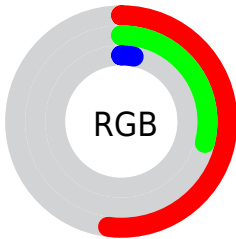
Format	Color
R_{YB}	118, 133, 7
Decimal	8735239
CIE Lab	37.66, 20.64, 44.89
CIE LCh	38, 49.407, 65.302
Yxy	9.8994, 0.5168, 0.4207
Android (android.graphics.Color)	4286925319 (0xFF854A07)
YUV	84.0030, -37.9625, 42.9704
Hunter-Lab	31.4634, 13.9259, 19.2526

Details

The YUV color **84.0030, -37.9625, 42.9704** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **55.9970, 37.9625, -42.9704**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.0360, -37.9787, 48.2034**, and **40.0460, -19.7427, 32.4087** is the 20% darker color. If you saturate the color by 10%, you get **81.4440, -40.1519, 45.2146**, and if you desaturate by 10%, it is **89.0070, -34.0205, 38.5819**.

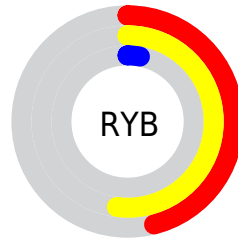
Distribution



Red (52%)

Green (29%)

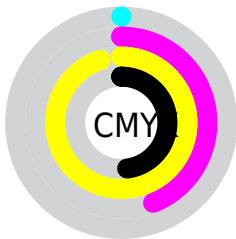
Blue (3%)



Red (46%)

Yellow (52%)

Blue (3%)

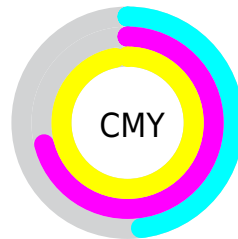


Cyan (0%)

Magenta (44%)

Yellow (95%)

Black (48%)



Cyan (48%)

Magenta (71%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0030, -37.9625, 42.9704 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 84.0030, -37.9625, 42.9704 by changing the saturation by 10% instead.

84.0030, -37.9625,
42.9704

84.0030, -37.9625,
42.9704

253.9740, -3.9312,
0.8998

61.3320, -30.2367,
38.2968

136.0360,
-37.9787, 48.2034

40.0460, -19.7427,
32.4087

163.1180,
-39.0052, 50.7625

19.6460, -9.6855,
26.6205

190.7870,
-40.3210, 52.8068

6.8770, -3.3904,
14.1399

210.7960,
-37.3674, 38.7669

0.0000, 0.0000,
0.0000

230.8970,
-33.9662, 21.1383

247.4760,

-28.8287, 6.5985

■ 250.6680,
-16.5983, 3.7992

■ 84.0030, -37.9625,
42.9704

■ 84.0030, -37.9625,
42.9704

■ 81.4440, -40.1519,
45.2146

■ 89.0070, -34.0205,
38.5819

■ 94.1250, -29.6416,
34.0934

■ 99.7160, -25.9890,
29.1901

■ 104.7200,
-22.0470, 24.8016

■ 109.8380,
-17.6681, 20.3131

■ 114.8420,
-13.7261, 15.9246

■ 120.4330,
-10.0735, 11.0213

■ 125.4370, -6.1314,
6.6328

■ 130.5550, -1.7526,
2.1443

Harmonies

Analogous

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



84.0480, -19.2507, 61.3479



84.0030, -37.9625, 42.9704



82.4420, -40.6439, 16.2754

Triad

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



84.0030, -37.9625, 42.9704



73.6390, 10.5310, -64.5814



90.8830, 31.1167, 6.2416

Complementary

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



84.0030, -37.9625, 42.9704



55.9970, 37.9625, -42.9704

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.



72.6830, 47.4843, -63.7430



84.0030, -37.9625, 42.9704



77.4980, 27.8555, -67.9657

Square

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



84.0030, -37.9625, 42.9704



67.6770, -7.2358, -59.3527



77.6410, 41.0960, -68.0912



88.7650, 16.8779, 46.6871

Rectangle

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



84.0030, -37.9625, 42.9704



78.4780, -38.6897, -3.9272



77.6410, 41.0960, -68.0912



88.0270, 35.9757, -12.3017

Sweetspot

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



84.0030, -37.9625, 42.9704



154.6140, -14.5997, 16.1245



51.6280, 8.0714, 71.3632



75.3620, -9.0525, 10.2065



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



84.0030, -37.9625, 42.9704



105.7310, -52.1254, 58.9949



118.0380, -54.7417, 11.3677



63.5550, -1.7526, 2.1443



79.3730, -39.1309, 44.3999



1.4840, -0.7316, 1.3295

Inverse Universe

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



55.9970, 37.9625, -42.9704



67.2690, 52.1254, -58.9949



21.9620, 54.7417, -11.3677



62.4450, 1.7526, -2.1443



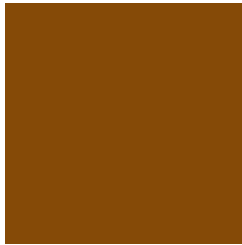
50.6270, 39.1309, -44.3999



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 84.0030, -37.9625, 42.9704 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 84.0030, -37.9625, 42.9704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

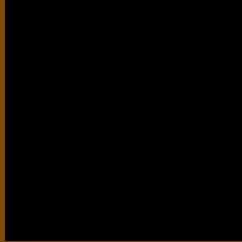
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0030, -37.9625, 42.9704

Background



This preview shows how black text looks on a background with the YUV color 84.0030, -37.9625, 42.9704.



This preview shows how white text looks on a background with the YUV color 84.0030, -37.9625,

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

84.0030, -37.9625, 42.9704

Protanopia

84.5110, -35.2549, 14.4609

Tritanopia

89.6030, -7.6923, 40.6902

Trichromacy



Original Color

84.0030, -37.9625, 42.9704

Protanomaly

84.3490, -36.1611, 25.1269

Tritanomaly

87.7420, -18.6068, 41.4453

Monochromacy



Original Color

84.0030, -37.9625, 42.9704

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8420, -13.7261, 15.9246

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0030, -37.9625, 42.9704 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(133, 74, 7)` looks like.

```
.text, #text, p{  
    color:rgb(133, 74, 7)  
}
```

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(133, 74, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 74, 7) }
```

Border

The CSS property to change the border of an element to YUV 84.0030, -37.9625, 42.9704 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(133, 74, 7) }
```

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

```
.border{ border-color:rgb(133, 74, 7) }
```

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

Here you see how a box with a 4 pixel rgb(133, 74, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 74, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 74, 7);  
box-shadow:4px 4px 4px 4px rgb(133, 74, 7)  
}
```


Background

The CSS property to change the background color of an element to YUV 84.0030, -37.9625, 42.9704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 74, 7) }
```

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

```
.background{ background-color: rgb(133, 74,  
7) }
```

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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