

Converting Colors

YUV(87.3950, -22.3797,
38.2416)

Have a look what the booklet for
YUV(87.3950, -22.3797, 38.2416)
contains.

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Color

**YUV(87.3950, -22.3797,
38.2416)**

Conversions

Conversions Part 1

Format	Color
Hex	834A2A
RGB	131, 74, 42
RGB Percent	51%, 29%, 16%
CMY	0.4863, 0.7098, 0.8353
CMYK	0.00, 0.44, 0.68, 0.49
HSL	22°, 51%, 34%
HSV	22°, 68%, 51%
XYZ	12.2268, 9.8900, 3.4550
YIQ	87.3950, 44.2440, 2.1320

Conversions

Conversions Part 2

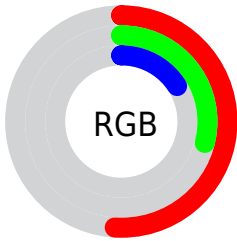
Format	Color
R_{YB}	131, 92, 42
Decimal	8604202
CIE Lab	37.64, 21.18, 29.17
CIE LCh	38, 36.049, 54.022
Yxy	9.8900, 0.4781, 0.3868
Android (android.graphics.Color)	4286794282 (0xFF834A2A)
YUV	87.3950, -22.3797, 38.2416
Hunter-Lab	31.4484, 14.3640, 15.5001

Details

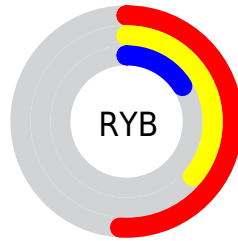
The YUV color **87.3950, -22.3797, 38.2416** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **85.6050, 22.3797, -38.2416**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2600, -24.2852, 42.7450**, and **40.0460, -19.7427, 32.4087** is the 20% darker color. If you saturate the color by 10%, you get **81.2170, -25.7430, 43.6597**, and if you desaturate by 10%, it is **93.5730, -19.0165, 32.8235**.

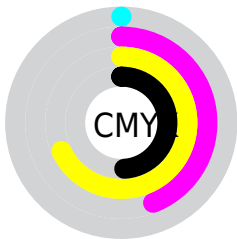
Distribution



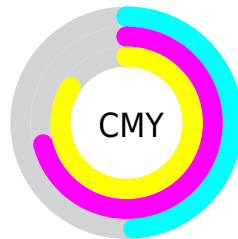
- Red (51%)
- Green (29%)
- Blue (16%)



- Red (51%)
- Yellow (36%)
- Blue (16%)



- Cyan (0%)
- Magenta (44%)
- Yellow (68%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3950, -22.3797, 38.2416 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 87.3950, -22.3797, 38.2416 by changing the saturation by 10% instead.

87.3950, -22.3797,
38.2416

87.3950, -22.3797,
38.2416

255.0000, 0.0000,
0.0000

63.3130, -21.3533,
35.6825

138.2600,
-24.2852, 42.7450

40.0460, -19.7427,
32.4087

165.2280,
-25.7484, 45.4040

19.3580, -9.5435,
27.7500

192.7120,
-26.4800, 46.7336

6.8770, -3.3904,
14.1399

214.9170,
-24.1161, 35.1528

0.0000, 0.0000,
0.0000

234.4310,
-20.4255, 18.0390

251.1240,

-14.8511, 3.3993

254.3160, -2.6208,
0.5999

87.3950, -22.3797,
38.2416

87.3950, -22.3797,
38.2416

81.2170, -25.7430,
43.6597

93.5730, -19.0165,
32.8235

74.4520, -28.8168,
49.5926

100.3380,
-15.9426, 26.8906

68.2740, -32.1801,
55.0107

106.5160,
-12.5794, 21.4725

66.7580, -32.9117,
56.3402

113.2810, -9.5055,
15.5396

119.4590, -6.1423,
10.1215

■ 125.7510, -2.3422,
4.6034

■ 132.5160, 0.7316,
-1.3295

■ 138.6940, 4.0949,
-6.7476

■ 145.4590, 7.1687,
-12.6805

Harmonies

Analogous

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



88.2510, -10.4767, 47.1379



87.3950, -22.3797, 38.2416



85.9770, -28.5827, 21.0682

Triad

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



87.3950, -22.3797, 38.2416



69.8090, 6.0102, -61.2225



88.8290, 26.2133, -7.7430

Complementary

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



87.3950, -22.3797, 38.2416



85.6050, 22.3797, -38.2416

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.



71.8220, 36.5698, -62.9879



87.3950, -22.3797, 38.2416



73.1150, 18.6773, -64.1219

Square

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



87.3950, -22.3797, 38.2416



78.1970, -12.4221, -29.1138



74.0900, 30.0286, -64.9769



91.2800, 15.6380, 24.3104

Rectangle

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



87.3950, -22.3797, 38.2416



84.1170, -27.6657, 6.9134



74.0900, 30.0286, -64.9769



86.1370, 29.0195, -21.1681

Sweetspot

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



87.3950, -22.3797, 38.2416



154.2100, -8.4845, 14.7248



75.2230, 12.2151, 48.9164



76.3880, -5.1213, 9.3067



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.



87.3950, -22.3797, 38.2416



102.2100, -35.1065, 60.3288



113.2230, -35.1129, 15.5904



62.9680, -1.4632, 2.6591



66.4590, -32.7643, 55.7255



1.4840, -0.7316, 1.3295

Inverse Universe

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



85.6050, 22.3797, -38.2416



99.2030, 35.3959, -59.8140



59.7770, 35.1129, -15.5904



63.0320, 1.4632, -2.6591



63.5410, 32.7643, -55.7255



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 87.3950, -22.3797, 38.2416 looks on a white background.

Color Contrast Check

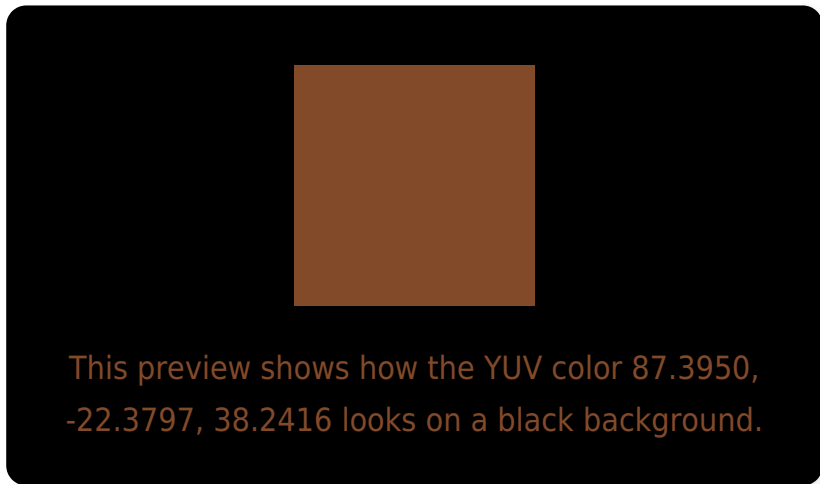
Large Text (above 18pt) WCAG AA ✓ Pass

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

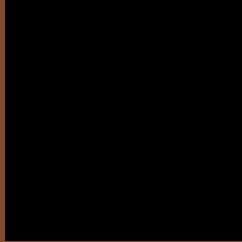
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3950, -22.3797, 38.2416

Background



This preview shows how black text looks on a background with the YUV color 87.3950, -22.3797, 38.2416.



This preview shows how white text looks on a background with the YUV color 87.3950, -22.3797,

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

87.3950, -22.3797, 38.2416

Protanopia

86.9030, -19.6722, 9.7321

Deuteranopia

87.2310, -23.7779, 19.9684



Tritanopia

89.4070, -7.1027, 38.2311

Trichromacy



Original Color

87.3950, -22.3797, 38.2416

Protanomaly

87.3280, -20.8677, 19.8833

Deuteranomaly

87.3890, -23.3628, 26.8458

Tritanomaly

88.3270, -12.4862, 38.3012

Monochromacy



Original Color

87.3950, -22.3797, 38.2416

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0250, -7.9003, 14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3950, -22.3797, 38.2416 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(131, 74, 42)` looks like.

```
.text, #text, p{  
    color:rgb(131, 74, 42)  
}
```

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(131, 74, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 74, 42) }
```

Border

The CSS property to change the border of an element to YUV 87.3950, -22.3797, 38.2416 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(131, 74, 42) }
```


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

```
.border{ border-color:rgb(131, 74, 42) }
```

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

Here you see how a box with a 4 pixel rgb(131, 74, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 74, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 74, 42);  
box-shadow:4px 4px 4px 4px rgb(131, 74,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 87.3950, -22.3797, 38.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 74, 42) }
```

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

```
.background{ background-color: rgb(131, 74,  
42) }
```

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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