

Converting Colors

YUV(89.7790, -34.8940,
38.7818)

Have a look what the booklet for
YUV(89.7790, -34.8940, 38.7818)
contains.

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Color

**YUV(89.7790, -34.8940,
38.7818)**

Conversions

Conversions Part 1

Format	Color
Hex	865113
RGB	134, 81, 19
RGB Percent	53%, 32%, 7%
CMY	0.4745, 0.6824, 0.9255
CMYK	0.00, 0.40, 0.86, 0.47
HSL	32°, 75%, 30%
HSV	32°, 86%, 53%
XYZ	12.8915, 11.0002, 2.0599
YIQ	89.7790, 51.4900, -8.0460

Conversions

Conversions Part 2

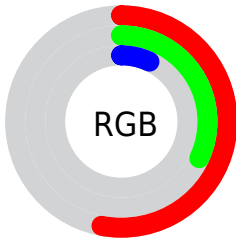
Format	Color
R_{YB}	117, 134, 19
Decimal	8802579
CIE Lab	39.58, 17.32, 42.54
CIE LCh	40, 45.930, 67.841
Yxy	11.0002, 0.4968, 0.4239
Android (android.graphics.Color)	4286992659 (0xFF865113)
YUV	89.7790, -34.8940, 38.7818
Hunter-Lab	33.1666, 11.3396, 19.5342

Details

The YUV color **89.7790, -34.8940, 38.7818** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **63.2210, 34.8940, -38.7818**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0570, -36.5101, 43.8000**, and **44.7530, -22.0632, 30.0346** is the 20% darker color. If you saturate the color by 10%, you get **84.7750, -38.8361, 43.1703**, and if you desaturate by 10%, it is **94.7830, -30.9520, 34.3933**.

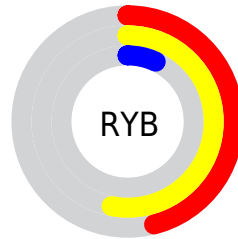
Distribution



Red (53%)

Green (32%)

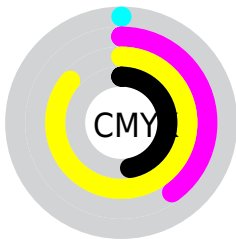
Blue (7%)



Red (46%)

Yellow (53%)

Blue (7%)

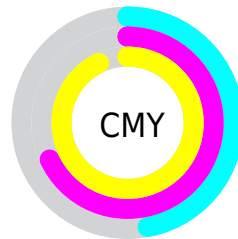


Cyan (0%)

Magenta (40%)

Yellow (86%)

Black (47%)



Cyan (47%)

Magenta (68%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7790, -34.8940, 38.7818 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 89.7790, -34.8940, 38.7818 by changing the saturation by 10% instead.

■ 89.7790, -34.8940,
38.7818

■ 89.7790, -34.8940,
38.7818

255.0000, 0.0000,
0.0000

■ 65.7400, -32.4098,
35.3080

■ 142.0570,
-36.5101, 43.8000

■ 44.7530, -22.0632,
30.0346

■ 168.8400,
-37.3891, 45.7443

■ 24.3530, -12.0060,
24.2464

■ 196.5090,
-38.7049, 47.7886

■ 8.7850, -3.8380,
17.7286

■ 216.6320,
-35.3146, 33.6487

■ 0.0000, 0.0000,
0.0000

■ 236.7330,
-31.9134, 16.0202

■ 248.6160,

-24.4607, 5.5988

■ 251.9220,
-11.7935, 2.6994

■ 89.7790, -34.8940,
38.7818

■ 89.7790, -34.8940,
38.7818

■ 84.7750, -38.8361,
43.1703

■ 94.7830, -30.9520,
34.3933

■ 82.3300, -40.5887,
45.3146

■ 99.9010, -26.5732,
29.9048

■ 105.4920,
-22.9206, 25.0015

■ 110.6100,
-18.5417, 20.5130

■ 115.6140,
-14.5997, 16.1245

■ 120.6180,
-10.6577, 11.7360

■ 125.7360, -6.2788,
7.2475

■ 130.7400, -2.3368,
2.8590

■ 136.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



90.0860, -20.2554, 56.9296



89.7790, -34.8940, 38.7818



87.0180, -40.9279, 14.0162

Triad

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



89.7790, -34.8940, 38.7818



76.7850, 12.4310, -67.3404



95.8080, 28.1957, 9.8154

Complementary

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



89.7790, -34.8940, 38.7818



63.2210, 34.8940, -38.7818

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.



79.4130, 43.6734, -54.7362



89.7790, -34.8940, 38.7818



80.3020, 28.4451, -70.4249

Square

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



89.7790, -34.8940, 38.7818



71.1650, -4.0253, -62.4117



80.1030, 40.3752, -70.2503



94.5430, 13.5363, 45.1278

Rectangle

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



89.7790, -34.8940, 38.7818



84.6610, -32.8639, -5.8417



80.1030, 40.3752, -70.2503



93.8600, 32.6070, -5.1392

Sweetspot

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



89.7790, -34.8940, 38.7818



156.1300, -13.8681, 14.7950



59.5410, 6.6353, 65.3005



76.2910, -8.0315, 9.3918



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.



89.7790, -34.8940, 38.7818



106.3180, -52.4148, 58.4801



119.6940, -49.6421, 9.0384



63.5550, -1.7526, 2.1443



79.9600, -39.4203, 43.8851



1.4840, -0.7316, 1.3295

Inverse Universe

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



63.2210, 34.8940, -38.7818



66.6820, 52.4148, -58.4801



33.3060, 49.6421, -9.0384



62.4450, 1.7526, -2.1443



50.0400, 39.4203, -43.8851



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 89.7790, -34.8940, 38.7818 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 × Fail

Black Background



This preview shows how the YUV color 89.7790, -34.8940, 38.7818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

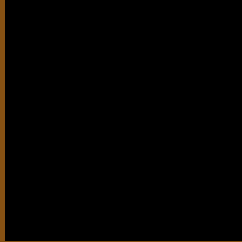
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7790, -34.8940, 38.7818

Background



This preview shows how black text looks on a background with the YUV color 89.7790, -34.8940, 38.7818.



This preview shows how white text looks on a background with the YUV color 89.7790, -34.8940,

38.7818.

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

89.7790, -34.8940, 38.7818

Protanopia

89.0810, -33.0709, 13.9610

Deuteranopia

89.1210, -37.0347, 25.3269



Tritanopia

94.8090, -6.8078, 37.0015

Trichromacy



Original Color

89.7790, -34.8940, 38.7818

Protanomaly

89.3210, -33.6823, 23.3975

Deuteranomaly

89.3820, -36.1773, 30.3600

Tritanomaly

93.0620, -17.2856, 37.6566

Monochromacy



Original Color

89.7790, -34.8940, 38.7818

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0590, -12.8471, 13.9803

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7790, -34.8940, 38.7818 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(134, 81, 19)` looks like.

```
.text, #text, p{  
    color:rgb(134, 81, 19)  
}
```

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(134, 81, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 81, 19) }
```

Border

The CSS property to change the border of an element to YUV 89.7790, -34.8940, 38.7818 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(134, 81, 19) }
```


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

```
.border{ border-color:rgb(134, 81, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 81, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 81, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 81, 19);  
box-shadow:4px 4px 4px 4px rgb(134, 81,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 89.7790, -34.8940, 38.7818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 81, 19) }
```

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

```
.background{ background-color: rgb(134, 81,  
19) }
```

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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